

Converting Colors

XYZ(74.7527, 78.3898, 83.9269)

Have a look what the booklet for
XYZ(74.7527, 78.3898, 83.9269)
contains.

| | |
|--|----|
| XYZ(74.8394, 78.5736, 83.8948) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(74.8394, 78.5736,
83.8948)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E7E5E3 |
| RGB | 231, 229, 227 |
| RGB Percent | 91%, 90%, 89% |
| CMY | 0.0941, 0.1019, 0.1098 |
| CMYK | 0.00, 0.01, 0.02, 0.09 |
| HSL | 30°, 8%, 90% |
| HSV | 30°, 2%, 91% |
| XYZ | 74.8394, 78.5736, 83.8948 |
| YIQ | 229.3700, 1.8340, -0.1980 |

Conversions

Conversions Part 2

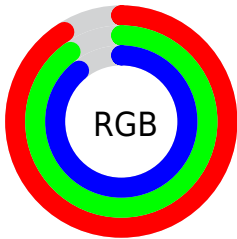
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 231, 231, 227 |
| Decimal | 15197667 |
| CIE _{Lab} | 91.04, 0.32, 1.20 |
| CIE _{LCh} | 91, 1.243, 74.885 |
| Yxy | 78.5736, 0.3154, 0.3311 |
| Android (android.graphics.Color) | 4293387747 (0xFFE7E5E3) |
| YUV | 229.3700, -1.1684, 1.4295 |
| Hunter-Lab | 88.6418, -4.4172, 5.9343 |

Details

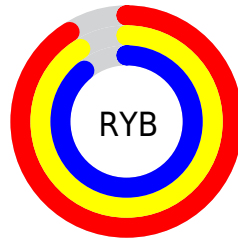
The XYZ color **74.8394, 78.5736, 83.8948** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1216, 78.1379, 86.7777**, and the grayscale version is **74.7579, 78.6511, 85.6511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2616, 42.3646, 45.0849** is the 20% darker color. If you saturate the color by 10%, you get **68.7793, 71.2173, 67.1861**, and if you desaturate by 10%, it is **81.5436, 86.5314, 102.9306**.

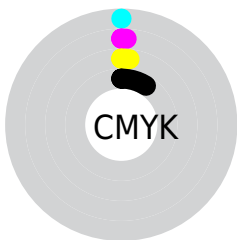
Distribution



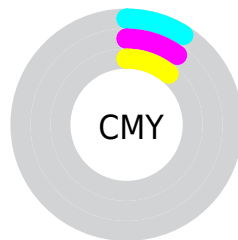
- Red (91%)
- Green (90%)
- Blue (89%)



- Red (91%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8394, 78.5736, 83.8948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.8394, 78.5736, 83.8948 by changing the saturation by 10% instead.

■ 74.8394, 78.5736,
83.8948

■ 74.8394, 78.5736,
83.8948

466.3711,
490.1127, 528.0127

■ 55.7750, 58.5453,
62.3837

125.0741,
131.3584, 140.6884

■ 40.2589, 42.2472,
44.9050

156.9752,
164.8837, 176.8080

■ 27.9256, 29.2949,
31.0402

193.8859,
203.6768, 218.6342

■ 18.4097, 19.3040,
20.3708

236.1716,
248.1220, 266.5855

■ 11.3460, 11.8902,
12.4781

284.1976,
298.6038, 321.0805

■ 6.3691, 6.6689,
6.9437

338.3292,

■ 3.1136, 3.2559,

355.5066, 382.5376

3.3490

398.9320,
419.2148, 451.3756

■ 1.2141, 1.2668,
1.2755

■ 0.1175, 0.1152,
0.0416

■ 74.8394, 78.5736,
83.8948

■ 74.8394, 78.5736,
83.8948

■ 68.7793, 71.2173,
67.1861

■ 81.5436, 86.5314,
102.9306

■ 63.3356, 64.4373,
52.7088

■ 85.8340, 93.8663,
108.2018

■ 58.4883, 58.2215,
40.3683

■ 86.7654, 95.7291,
108.5123

■ 54.2136, 52.5533,
30.0611

■ 50.4861, 47.4155,
21.6752

■ 47.2781, 42.7895,
15.0872

■ 44.5588, 38.6554,
10.1596

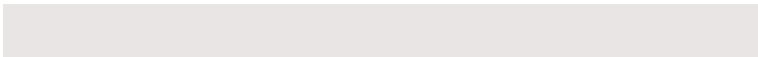
■ 42.2937, 34.9912,
6.7342

■ 40.4417, 31.7722,
4.6217

Harmonies

Analogous

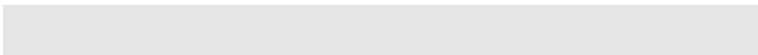
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1105, 78.5736, 84.3389



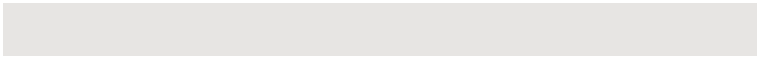
74.8394, 78.5736, 83.8948



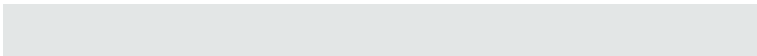
74.5269, 78.5736, 83.8930

Triad

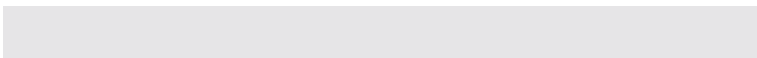
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8394, 78.5736, 83.8948



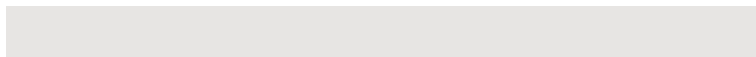
74.0999, 78.5736, 85.9982



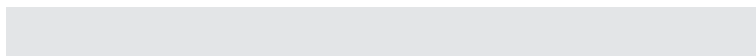
75.1087, 78.5736, 86.7843

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



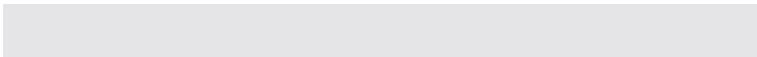
74.8394, 78.5736, 83.8948



74.1216, 78.1379, 86.7777

Split Complementary

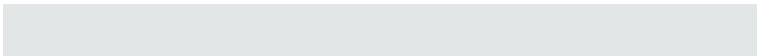
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8371, 78.5736, 87.2353



74.8394, 78.5736, 83.8948



74.2549, 78.5736, 86.7793

Square

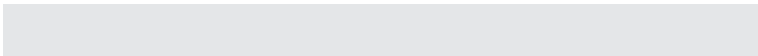
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



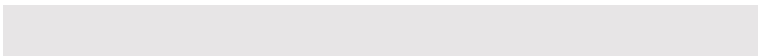
74.8394, 78.5736, 83.8948



74.1005, 78.5736, 85.1032



74.5245, 78.5736, 87.2335



75.2662, 78.5736, 86.0050

Rectangle

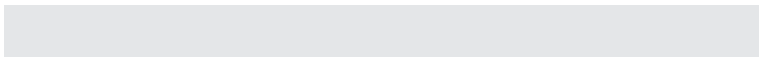
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



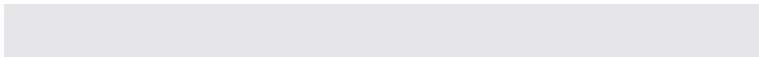
74.8394, 78.5736, 83.8948



74.3371, 78.5736, 84.1427



74.5245, 78.5736, 87.2335



75.0277, 78.5736, 86.9796

Sweetspot

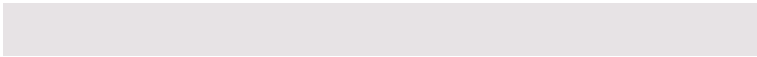
The Sweet Spot groups the original color and five complimentary colors.



74.8416, 78.5770, 83.8965



94.2375, 99.0277, 106.6172



74.5680, 77.5854, 85.1751



20.1793, 21.2063, 22.8445



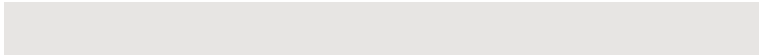
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8416, 78.5770, 83.8965



93.4332, 98.0630, 104.3639



75.3970, 79.6878, 84.0816



15.9603, 16.7536, 17.8550



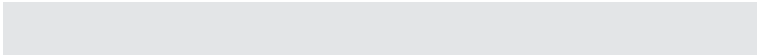
22.0837, 16.7416, 2.0675



1.7248, 1.4229, 0.1837

Inverse Universe

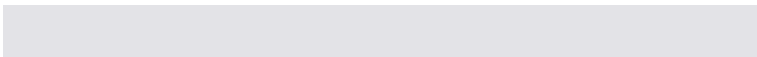
The Inverse Universe completely reimagines the original color for something new.



74.1216, 78.1379, 86.7777



92.3887, 97.4260, 108.5434



73.5726, 77.0398, 86.5947



15.7926, 16.6513, 18.5260



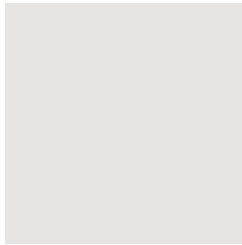
11.6640, 10.3901, 43.7739



0.9548, 0.9536, 3.2657

Previews

White Background



This preview shows how the XYZ color 74.8394, 78.5736, 83.8948 looks on a white background.

Color Contrast Check

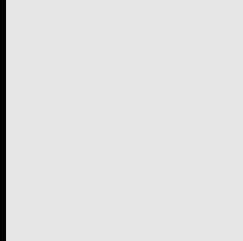
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.8394, 78.5736, 83.8948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

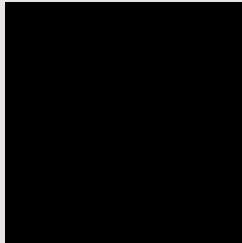
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

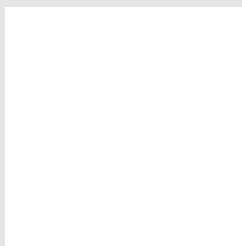
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8394, 78.5736, 83.8948

Background



This preview shows how black text looks on a background with the XYZ color 74.8394, 78.5736, 83.8948.

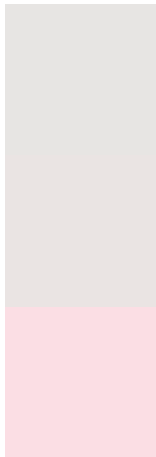


This preview shows how white text looks on a background with the XYZ color 74.8394, 78.5736,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.8394, 78.5736, 83.8948

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

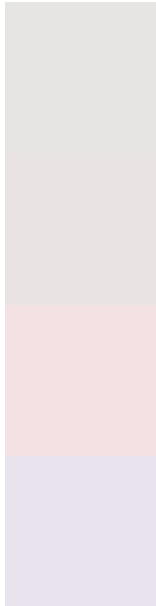
79.9085, 78.3532, 84.3108



Tritanopia

77.4572, 78.4168, 96.6415

Trichromacy



Original Color

74.8394, 78.5736, 83.8948

Protanomaly

75.2128, 78.3565, 83.8332

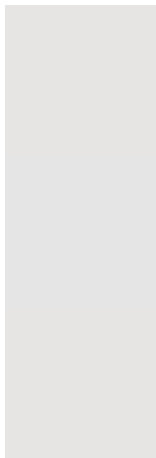
Deuteranomaly

78.2370, 78.6850, 84.4630

Tritanomaly

76.5060, 78.4349, 91.9961

Monochromacy



Original Color

74.8394, 78.5736, 83.8948

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6560, 78.4631, 84.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8394, 78.5736, 83.8948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(231, 229, 227) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.8394, 78.5736, 83.8948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 229, 227) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(231, 229, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(231, 229, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8394, 78.5736, 83.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
229, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor