

Converting Colors

XYZ(74.7459, 78.5712, 84.2351)

Have a look what the booklet for
XYZ(74.7459, 78.5712, 84.2351)
contains.

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Color

**XYZ(74.5176, 78.4077,
83.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5E3
RGB	230, 229, 227
RGB Percent	90%, 90%, 89%
CMY	0.0980, 0.1019, 0.1098
CMYK	0.00, 0.00, 0.01, 0.10
HSL	40°, 6%, 90%
HSV	40°, 1%, 90%
XYZ	74.5176, 78.4077, 83.8797
YIQ	229.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

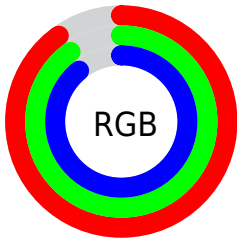
Format	Color
R _Y B	229, 230, 227
Decimal	15132131
CIE Lab	90.97, -0.01, 1.08
CIE LCh	91, 1.081, 90.717
Yxy	78.4077, 0.3147, 0.3311
Android (android.graphics.Color)	4293322211 (0xFFE6E5E3)
YUV	229.0710, -1.0210, 0.8147
Hunter-Lab	88.5481, -4.7427, 5.8196

Details

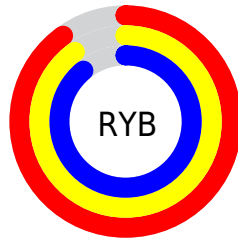
The XYZ color **74.5176, 78.4077, 83.8797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7049, 77.5299, 85.9441**, and the grayscale version is **74.5370, 78.4187, 85.3980**.

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 **69.4870, 73.0912, 67.5733**, and if you desaturate by 10%, it is **80.0697, 84.0866, 102.4541**.

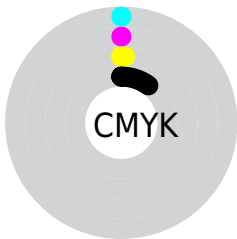
Distribution



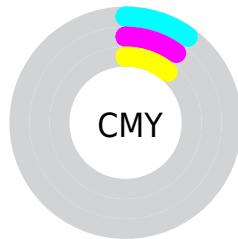
- Red (90%)
- Green (90%)
- Blue (89%)



- Red (90%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5176, 78.4077, 83.8797 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 74.5176, 78.4077, 83.8797 by changing the saturation by 10% instead.

■ 74.5176, 78.4077,
83.8797

■ 74.5176, 78.4077,
83.8797

465.2806,
489.5503, 527.9613

■ 55.5106, 58.4090,
62.3713

124.6208,
131.1247, 140.6671

■ 40.0461, 42.1375,
44.8951

156.4477,
164.6117, 176.7832

■ 27.7589, 29.2090,
31.0324

193.2786,
203.3636, 218.6056

■ 18.2835, 19.2390,
20.3649

235.4789,
247.7648, 266.5529

■ 11.2546, 11.8431,
12.4738

283.4139,
298.1997, 321.0435

■ 6.3069, 6.6369,
6.9408

337.4489,

■ 3.0750, 3.2361,

355.0527, 382.4961

3.3472

397.9494,
418.7081, 451.3292

■ 1.1936, 1.2562,
1.2745

■ 0.1013, 0.1069,
0.0408

■ 74.5176, 78.4077,
83.8797

■ 74.5176, 78.4077,
83.8797

■ 69.4870, 73.0912,
67.5733

■ 80.0697, 84.0866,
102.4541

■ 64.9534, 68.1178,
53.4414

■ 83.1179, 88.9119,
107.3887

■ 60.9000, 63.4814,
41.3916

■ 85.4670, 93.6100,
108.1717

■ 57.3065, 59.1718,
31.3229

■ 86.4436, 95.5633,
108.4972

■ 54.1510, 55.1784,
23.1259

■ 51.4093, 51.4895,
16.6802

■ 49.0548, 48.0922,
11.8516

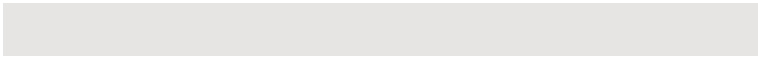
■ 47.0569, 44.9722,
8.4859

■ 45.3794, 42.1128,
6.3987

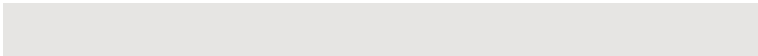
Harmonies

Analogous

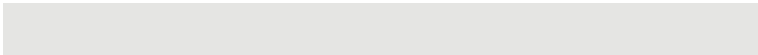
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7810, 78.4077, 84.0694



74.5176, 78.4077, 83.8797



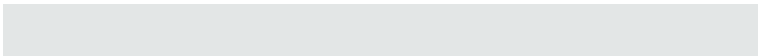
74.2566, 78.4077, 84.0880

Triad

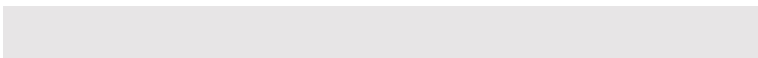
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5176, 78.4077, 83.8797



74.0742, 78.4077, 86.1421



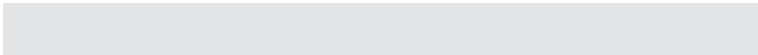
74.9825, 78.4077, 86.1093

Complementary

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



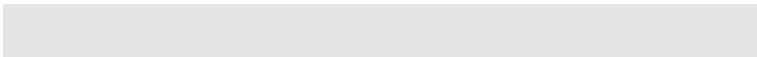
74.5176, 78.4077, 83.8797



73.7049, 77.5299, 85.9441

Split Complementary

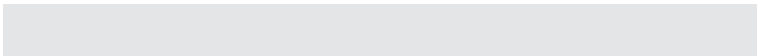
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7924, 78.4077, 86.6703



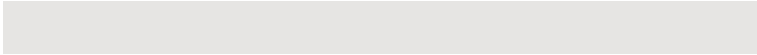
74.5176, 78.4077, 83.8797



74.2680, 78.4077, 86.6893

Square

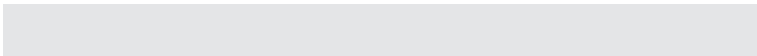
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



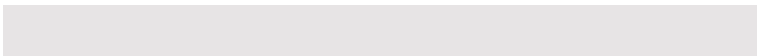
74.5176, 78.4077, 83.8797



74.0010, 78.4077, 85.3915



74.5307, 78.4077, 86.8832



75.0498, 78.4077, 85.3539

Rectangle

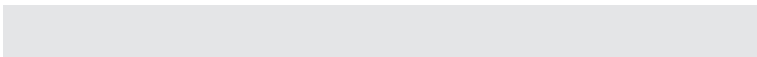
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



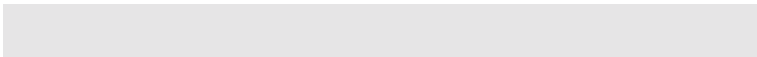
74.5176, 78.4077, 83.8797



74.1190, 78.4077, 84.4253



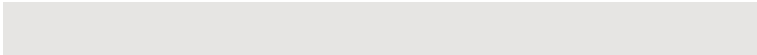
74.5307, 78.4077, 86.8832



74.9308, 78.4077, 86.3271

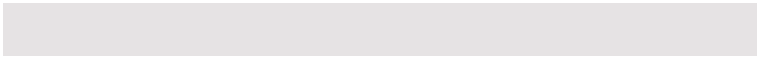
Sweetspot

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



74.5198, 78.4111, 83.8814

95.0500, 100.0000, 108.9000



74.1069, 77.3638, 84.4268



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



74.5198, 78.4111, 83.8814



93.7018, 98.6003, 104.4534



74.6360, 78.8813, 83.9660



16.0034, 16.8399, 17.8693



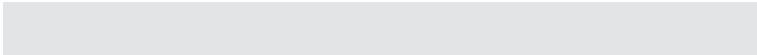
25.1002, 22.7745, 3.0730



1.9392, 1.8517, 0.2552

Inverse Universe

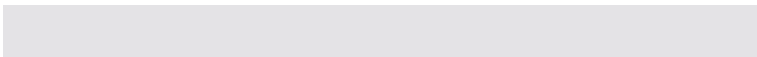
The Inverse Universe completely reimagines the original color for something new.



73.7049, 77.5299, 85.9441



92.1213, 96.8911, 108.4543



73.5896, 77.0648, 85.8605



15.7496, 16.5654, 18.5117



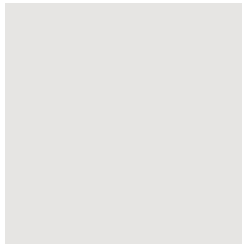
9.6637, 6.3895, 43.1071



0.7969, 0.6378, 3.2131

Previews

White Background



This preview shows how the XYZ color 74.5176, 78.4077, 83.8797 looks on a white background.

Color Contrast Check

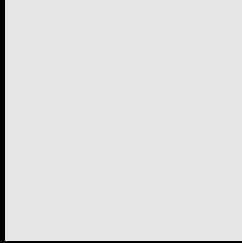
Large Text (above 18pt) WCAG AA × Fail

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 74.5176, 78.4077, 83.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

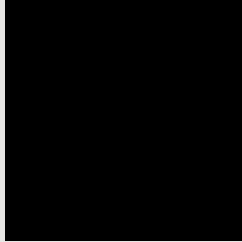
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

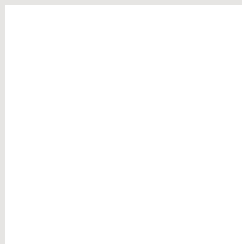
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5176, 78.4077, 83.8797

Background



This preview shows how black text looks on a background with the XYZ color 74.5176, 78.4077, 83.8797.

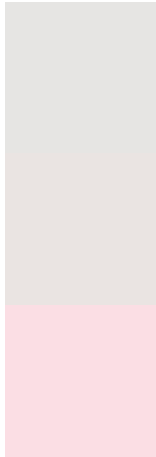


This preview shows how white text looks on a background with the XYZ color 74.5176, 78.4077,

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

74.5176, 78.4077, 83.8797

Protanopia

75.4026, 78.4702, 83.1236

Deuteranopia

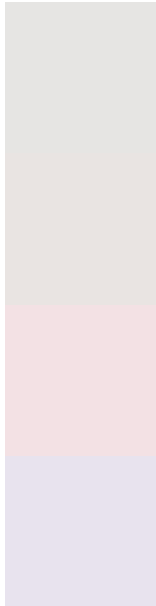
79.9085, 78.3532, 84.3108



Tritanopia

77.1298, 78.2480, 96.6262

Trichromacy



Original Color

74.5176, 78.4077, 83.8797

Protanomaly

75.0751, 78.3014, 83.1083

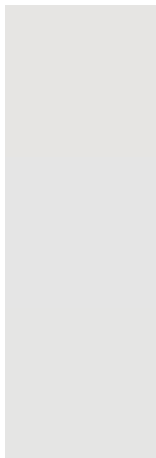
Deuteranomaly

77.8910, 78.5066, 84.4468

Tritanomaly

76.1804, 78.2670, 91.9808

Monochromacy



Original Color

74.5176, 78.4077, 83.8797

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3360, 78.2981, 84.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5176, 78.4077, 83.8797 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(230, 229, 227) looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.5176, 78.4077, 83.8797 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(230, 229, 227) }
```

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

```
.border{ border-color:rgb(230, 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(230, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
227) }
```


Background

The CSS property to change the background color of an element to XYZ 74.5176, 78.4077, 83.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 227) }
```

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

```
.background{ background-color: rgb(230,  
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](#).

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