

Converting Colors

XYZ(74.0630, 78.0631, 84.0378)

Have a look what the booklet for
XYZ(74.0630, 78.0631, 84.0378)
contains.

XYZ(74.1975, 78.2427, 83.8648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(74.1975, 78.2427,
83.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5E3
RGB	229, 229, 227
RGB Percent	90%, 90%, 89%
CMY	0.1020, 0.1019, 0.1098
CMYK	0.00, 0.00, 0.01, 0.10
HSL	60°, 4%, 89%
HSV	60°, 1%, 90%
XYZ	74.1975, 78.2427, 83.8648
YIQ	228.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

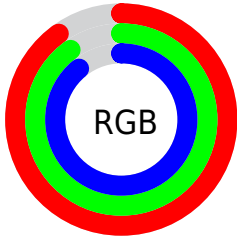
Format	Color
RYB	227, 229, 227
Decimal	15066595
CIELab	90.89, -0.35, 0.96
CIELCh	91, 1.025, 110.031
Yxy	78.2427, 0.3140, 0.3311
Android (android.graphics.Color)	4293256675 (0xFFE5E5E3)
YUV	228.7720, -0.8736, 0.2000
Hunter-Lab	88.4549, -5.0672, 5.7051

Details

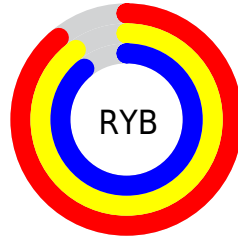
The XYZ color **74.1975, 78.2427, 83.8648** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2936, 76.9284, 85.1185**, and the grayscale version is **74.3164, 78.1866, 85.1452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0380, 42.2493, 45.0744** is the 20% darker color. If you saturate the color by 10%, you get **71.2298, 77.0563, 68.3095**, and if you desaturate by 10%, it is **77.5901, 79.6040, 101.6378**.

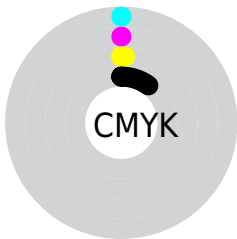
Distribution



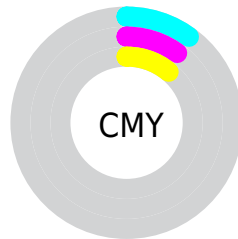
- Red (90%)
- Green (90%)
- Blue (89%)



- Red (89%)
- 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 74.1975, 78.2427, 83.8648 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 74.1975, 78.2427, 83.8648 by changing the saturation by 10% instead.

■ 74.1975, 78.2427,
83.8648

■ 74.1975, 78.2427,
83.8648

464.1945,
488.9907, 527.9105

■ 55.2476, 58.2734,
62.3591

124.1697,
130.8922, 140.6461

■ 39.8346, 42.0285,
44.8852

155.9227,
164.3412, 176.7587

■ 27.5932, 29.1236,
31.0248

192.6741,
203.0521, 218.5774

■ 18.1581, 19.1743,
20.3591

234.7893,
247.4095, 266.5207

■ 11.1640, 11.7963,
12.4697

282.6335,
297.7976, 321.0071

■ 6.2453, 6.6051,
6.9380

336.5723,

■ 3.0369, 3.2164,

354.6009, 382.4551

3.3455

396.9708,
418.2038, 451.2834

■ 1.1733, 1.2457,
1.2736

■ 0.0851, 0.0986,
0.0400

■ 74.1975, 78.2427,
83.8648

■ 74.1975, 78.2427,
83.8648

■ 71.2298, 77.0563,
68.3095

■ 77.5901, 79.6040,
101.6378

■ 68.6640, 76.0281,
54.8799

■ 78.4158, 79.9361,
105.9040

■ 66.4846, 75.1546,
43.4855

■ 78.4316, 79.9443,
105.9047

■ 64.6728, 74.4281,
34.0268

■ 78.4473, 79.9524,
105.9055

63.2083, 73.8404,
26.3965

78.4630, 79.9605,
105.9062

62.0685, 73.3827,
20.4764

78.4788, 79.9686,
105.9070

61.2284, 73.0449,
16.1348

78.4946, 79.9767,
105.9077

60.6595, 72.8155,
13.2206

78.5103, 79.9849,
105.9084

60.3274, 72.6808,
11.5537

78.5261, 79.9930,
105.9092

Harmonies

Analogous

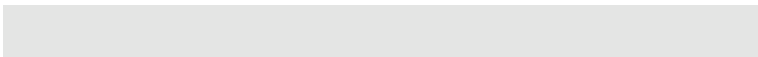
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4533, 78.2427, 83.8010



74.1975, 78.2427, 83.8648



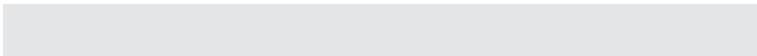
73.9877, 78.2427, 84.2834

Triad

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



74.1975, 78.2427, 83.8648



74.0490, 78.2427, 86.2868



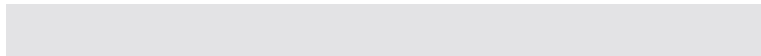
74.8571, 78.2427, 85.4393

Complementary

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



74.1975, 78.2427, 83.8648



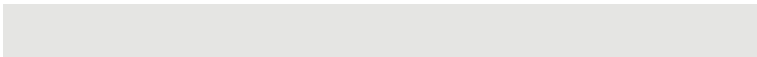
73.2936, 76.9284, 85.1185

Split Complementary

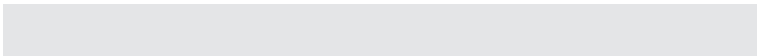
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7483, 78.2427, 86.1092



74.1975, 78.2427, 83.8648



74.2815, 78.2427, 86.6004

Square

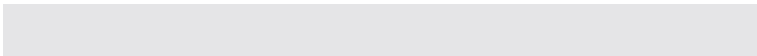
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



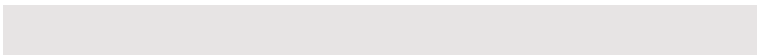
74.1975, 78.2427, 83.8648



73.9021, 78.2427, 85.6807



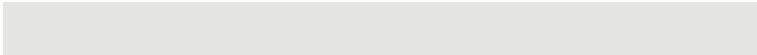
74.5374, 78.2427, 86.5351



74.8345, 78.2427, 84.7071

Rectangle

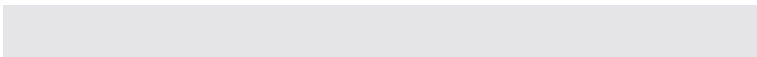
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1975, 78.2427, 83.8648



73.9019, 78.2427, 84.7086



74.5374, 78.2427, 86.5351



74.8347, 78.2427, 85.6793

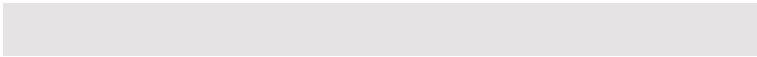
Sweetspot

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



74.1997, 78.2461, 83.8665

95.0500, 100.0000, 108.9000



73.6498, 77.1441, 83.6828



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

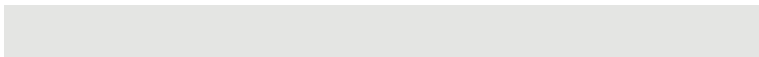
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1997, 78.2461, 83.8665



94.6401, 99.8358, 106.7520



73.8823, 78.0824, 83.8516



16.1540, 17.0381, 18.2385



34.4068, 41.5188, 6.2005



2.5435, 3.0686, 0.4582

Inverse Universe

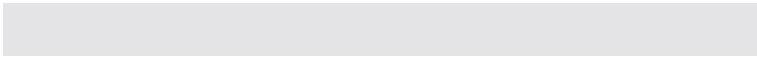
The Inverse Universe completely reimagines the original color for something new.



73.2936, 76.9284, 85.1185



93.3119, 97.9044, 108.5871



73.6092, 77.0911, 85.1333



15.9409, 16.7282, 18.5330



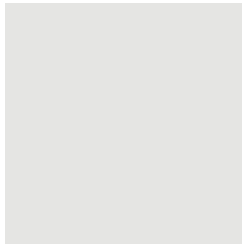
8.0910, 3.2370, 42.5815



0.5989, 0.2397, 3.1467

Previews

White Background



This preview shows how the XYZ color 74.1975, 78.2427, 83.8648 looks on a white background.

Color Contrast Check

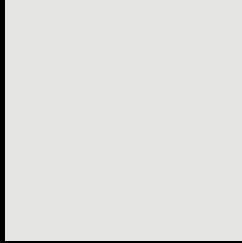
Large Text (above 18pt) WCAG AA × Fail

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 74.1975, 78.2427, 83.8648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

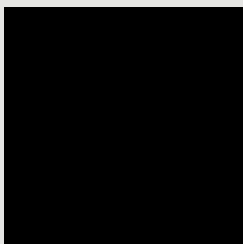
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

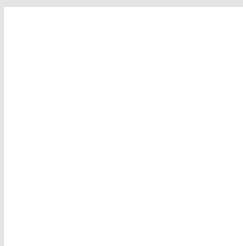
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1975, 78.2427, 83.8648

Background



This preview shows how black text looks on a background with the XYZ color 74.1975, 78.2427, 83.8648.



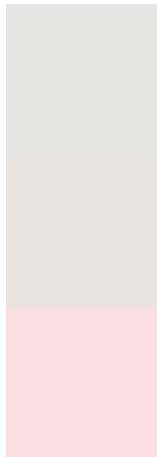
This preview shows how white text looks on a background with the XYZ color 74.1975, 78.2427,

83.8648.

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

74.1975, 78.2427, 83.8648

Protanopia

75.0751, 78.3014, 83.1083

Deuteranopia

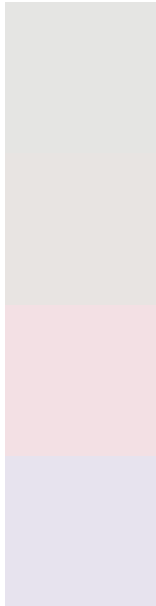
79.6437, 77.8236, 84.2226



Tritanopia

76.8042, 78.0802, 96.6109

Trichromacy



Original Color

74.1975, 78.2427, 83.8648

Protanomaly

74.7496, 78.1336, 83.0931

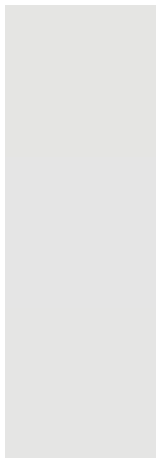
Deuteranomaly

77.6214, 77.9674, 84.3569

Tritanomaly

75.8567, 78.1001, 91.9657

Monochromacy



Original Color

74.1975, 78.2427, 83.8648

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 74.1975, 78.2427, 83.8648 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(229, 229, 227) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 74.1975, 78.2427, 83.8648 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(229, 229, 227) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 74.1975, 78.2427, 83.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(229,  
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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