

Converting Colors

XYZ(73.6419, 77.1237, 84.4727)

Have a look what the booklet for
XYZ(73.6419, 77.1237, 84.4727)
contains.

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Color

**XYZ(73.7858, 77.1976,
84.4105)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3E4
RGB	229, 227, 228
RGB Percent	90%, 89%, 89%
CMY	0.1020, 0.1098, 0.1059
CMYK	0.00, 0.01, 0.00, 0.10
HSL	330°, 4%, 89%
HSV	330°, 1%, 90%
XYZ	73.7858, 77.1976, 84.4105
YIQ	227.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

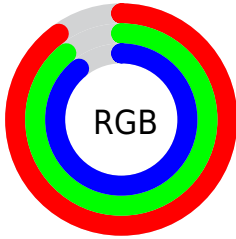
Format	Color
R_{YB}	229, 227, 228
Decimal	15066084
CIE Lab	90.41, 0.86, -0.26
CIE LCh	90, 0.895, 343.221
Yxy	77.1976, 0.3135, 0.3280
Android (android.graphics.Color)	4293256164 (0xFFE5E3E4)
YUV	227.7120, 0.1420, 1.1296
Hunter-Lab	87.8622, -3.8562, 4.5427

Details

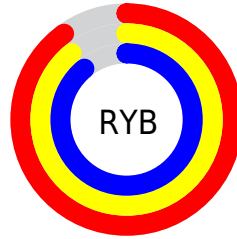
The XYZ color **73.7858, 77.1976, 84.4105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7044, 77.9730, 84.5684**, and the grayscale version is **73.5328, 77.3623, 84.2475**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7509, 41.5208, 45.4544** is the 20% darker color. If you saturate the color by 10%, you get **66.3948, 64.8794, 74.3490**, and if you desaturate by 10%, it is **82.1199, 91.2308, 95.3097**.

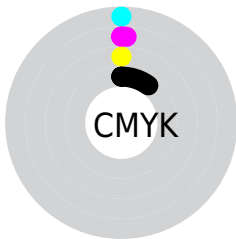
Distribution



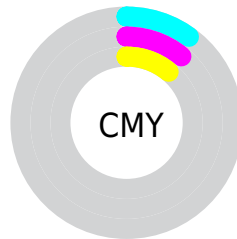
- Red (90%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7858, 77.1976, 84.4105 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 73.7858, 77.1976, 84.4105 by changing the saturation by 10% instead.

■ 73.7858, 77.1976,
84.4105

■ 73.7858, 77.1976,
84.4105

462.7955,
485.4375, 529.7690

■ 54.9094, 57.4151,
62.8071

123.5892,
129.4184, 141.4161

■ 39.5627, 41.3386,
45.2451

155.2470,
162.6254, 177.6553

■ 27.3805, 28.5837,
31.3062

191.8959,
201.0761, 219.6103

■ 17.9972, 18.7662,
20.5717

233.9014,
245.1547, 267.6994

■ 11.0477, 11.5014,
12.6231

281.6287,
295.2458, 322.3413

■ 6.1664, 6.4052,
7.0419

335.4433,

■ 2.9882, 3.0930,

351.7337, 383.9545

3.4095

395.7104,
415.0028, 452.9576

■ 1.1475, 1.1805,
1.3073

■ 0.0643, 0.0457,
0.0678

■ 73.7858, 77.1976,
84.4105

■ 73.7858, 77.1976,
84.4105

■ 66.3948, 64.8794,
74.3490

■ 82.1199, 91.2308,
95.3097

■ 59.9057, 54.2001,
65.0985

■ 85.4776, 95.1399,
105.0803

■ 54.2837, 45.0926,
56.6382

■ 86.1236, 95.3983,
108.4823

■ 49.4895, 37.4815,
48.9441

■ 45.4802, 31.2849,
41.9911

■ 42.2093, 26.4132,
35.7521

■ 39.6247, 22.7661,
30.1979

■ 37.6671, 20.2291,
25.2964

■ 36.2660, 18.6655,
21.0114

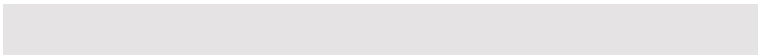
Harmonies

Analogous

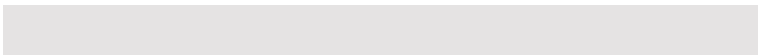
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6684, 77.1976, 84.9542



73.7858, 77.1976, 84.4105



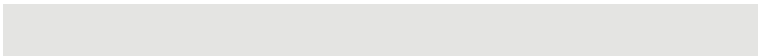
73.7927, 77.1976, 83.7742

Triad

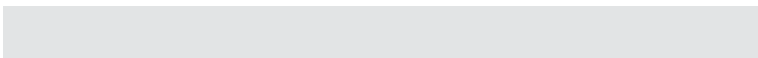
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7858, 77.1976, 84.4105



73.2759, 77.1976, 82.8638



73.0616, 77.1976, 84.8999

Complementary

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



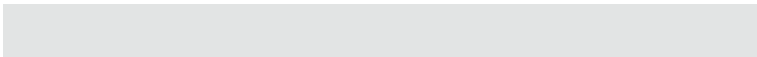
73.7858, 77.1976, 84.4105



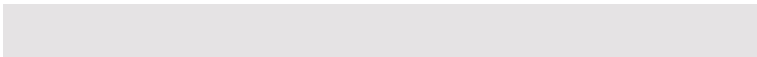
73.7044, 77.9730, 84.5684

Split Complementary

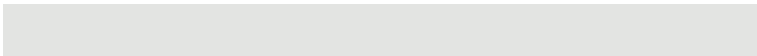
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9569, 77.1976, 84.3366



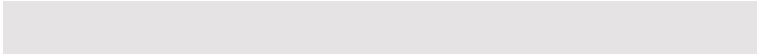
73.7858, 77.1976, 84.4105



73.0804, 77.1976, 83.1623

Square

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



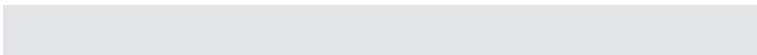
73.7858, 77.1976, 84.4105



73.4980, 77.1976, 82.8834



72.9637, 77.1976, 83.7006



73.2501, 77.1976, 85.2377

Rectangle

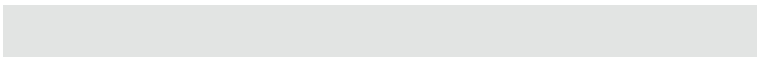
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7858, 77.1976, 84.4105



73.7337, 77.1976, 83.3833



72.9637, 77.1976, 83.7006



73.0154, 77.1976, 84.7305

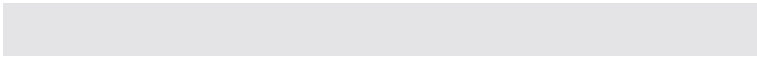
Sweetspot

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



73.7880, 77.2009, 84.4122

95.0500, 100.0000, 108.9000



73.6097, 77.0929, 85.1307



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

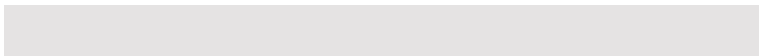
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7880, 77.2009, 84.4122



94.0369, 98.3018, 107.5510



73.6500, 77.1457, 83.6858



16.0572, 16.7920, 18.3668



20.2816, 10.2469, 10.3777



1.5456, 0.7760, 1.0138

Inverse Universe

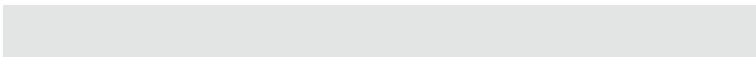
The Inverse Universe completely reimagines the original color for something new.



73.7880, 77.2009, 84.4122



94.0369, 98.3018, 107.5510



73.8431, 78.0285, 85.2990



16.0572, 16.7920, 18.3668



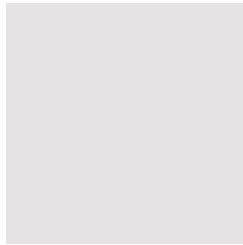
20.2816, 10.2469, 10.3777



1.5456, 0.7760, 1.0138

Previews

White Background



This preview shows how the XYZ color 73.7858, 77.1976, 84.4105 looks on a white background.

Color Contrast Check

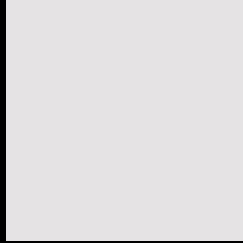
Large Text (above 18pt) WCAG AA × Fail

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 73.7858, 77.1976, 84.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

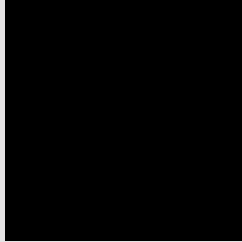
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

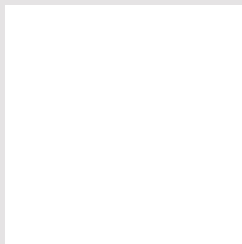
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7858, 77.1976, 84.4105

Background



This preview shows how black text looks on a background with the XYZ color 73.7858, 77.1976, 84.4105.

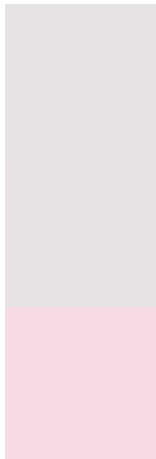


This preview shows how white text looks on a background with the XYZ color 73.7858, 77.1976,

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

73.7858, 77.1976, 84.4105

Protanopia

74.1549, 76.9831, 84.3496

Deuteranopia

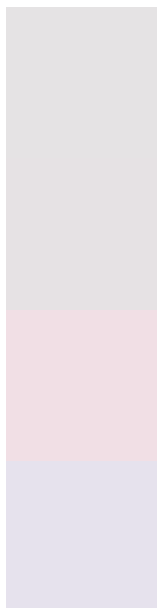
78.4475, 76.8000, 84.8180



Tritanopia

75.9072, 77.2502, 94.9144

Trichromacy



Original Color

73.7858, 77.1976, 84.4105

Protanomaly

73.8331, 76.8171, 84.3346

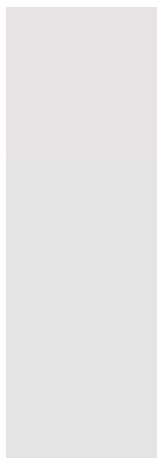
Deuteranomaly

76.8062, 77.1333, 84.9688

Tritanomaly

75.1155, 77.3301, 91.0880

Monochromacy



Original Color

73.7858, 77.1976, 84.4105

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7419, 77.5822, 84.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7858, 77.1976, 84.4105 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, 227, 228) looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 228)  
}
```

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, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.7858, 77.1976, 84.4105 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, 227, 228) }
```

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

```
.border{ border-color:rgb(229, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 73.7858, 77.1976, 84.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 228) }
```

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

```
.background{ background-color: rgb(229,  
227, 228) }
```

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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