

Converting Colors

XYZ(74.7960, 76.8166, 83.8665)

Have a look what the booklet for XYZ(74.7960, 76.8166, 83.8665) contains.

- XYZ(74.7220, 76.8889, 83.5758) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(74.7220, 76.8889,
83.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E3
RGB	234, 225, 227
RGB Percent	92%, 88%, 89%
CMY	0.0823, 0.1176, 0.1098
CMYK	0.00, 0.04, 0.03, 0.08
HSL	347°, 18%, 90%
HSV	347°, 4%, 92%
XYZ	74.7220, 76.8889, 83.5758
YIQ	227.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

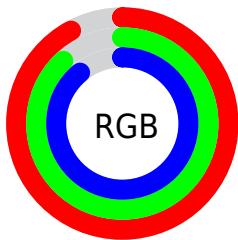
Format	Color
R_{YB}	234, 225, 227
Decimal	15393251
CIE Lab	90.27, 3.40, 0.10
CIE LCh	90, 3.406, 1.758
Yxy	76.8889, 0.3177, 0.3269
Android (android.graphics.Color)	4293583331 (0xFFEAE1E3)
YUV	227.9190, -0.4531, 5.3330
Hunter-Lab	87.6863, -1.3421, 4.8698

Details

The XYZ color **74.7220, 76.8889, 83.5758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0425, 80.6813, 87.9658**, and the grayscale version is **73.6862, 77.5237, 84.4233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1812, 41.1930, 44.8630** is the 20% darker color. If you saturate the color by 10%, you get **66.4432, 64.1420, 69.0663**, and if you desaturate by 10%, it is **84.1379, 91.4826, 99.7775**.

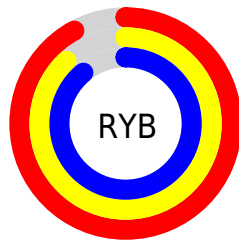
Distribution



Red (92%)

Green (88%)

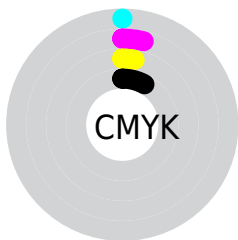
Blue (89%)



Red (92%)

Yellow (88%)

Blue (89%)

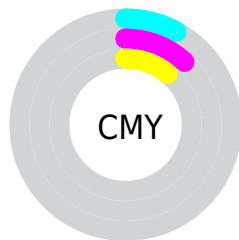


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7220, 76.8889, 83.5758 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 74.7220, 76.8889, 83.5758 by changing the saturation by 10% instead.

74.7220, 76.8889,
83.5758

74.7220, 76.8889,
83.5758

465.9734,
484.3851, 526.9247

55.6785, 57.1617,
62.1219

124.9088,
128.9826, 140.2381

40.1812, 41.1351,
44.6948

156.7828,
162.1180, 176.2835

27.8647, 28.4246,
30.8759

193.6644,
200.4915, 218.0299

18.3636, 18.6460,
20.2467

235.9189,
244.4875, 265.8957

11.3126, 11.4148,
12.3886

283.9118,
294.4905, 320.2996

6.3464, 6.3465,
6.8832

338.0082,

3.0995, 3.0569,

350.8848, 381.6600

3.3118

398.5736,
414.0549, 450.3955

■ 1.2066, 1.1615,
1.2560

■ 0.1116, 0.0299,
0.0253

■ 74.7220, 76.8889,
83.5758

■ 74.7220, 76.8889,
83.5758

■ 66.4432, 64.1420,
69.0663

■ 84.1379, 91.4826,
99.7775

■ 59.2518, 53.1586,
56.1890

■ 87.7421, 96.2326,
108.5580

■ 53.1037, 43.8636,
44.8876

■ 47.9498, 36.1730,
35.1006

■ 43.7363, 29.9953,
26.7625

■ 40.4049, 25.2297,
19.8029

■ 37.8901, 21.7633,
14.1451

■ 36.1168, 19.4655,
9.7046

■ 34.9954, 18.1780,
6.3857

Harmonies

Analogous

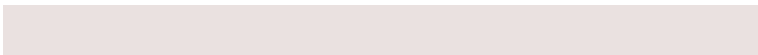
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5260, 76.8889, 85.9474



74.7220, 76.8889, 83.5758



74.4754, 76.8889, 81.2858

Triad

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



74.7220, 76.8889, 83.5758



72.2260, 76.8889, 79.8120



72.3120, 76.8889, 87.8992

Complementary

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



74.7220, 76.8889, 83.5758



75.0425, 80.6813, 87.9658

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.



71.7034, 76.8889, 86.2001



74.7220, 76.8889, 83.5758



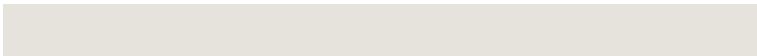
71.6540, 76.8889, 81.5293

Square

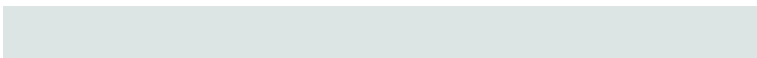
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



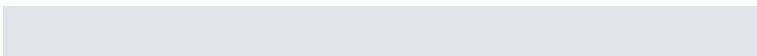
74.7220, 76.8889, 83.5758



73.0306, 76.8889, 79.1390



71.4634, 76.8889, 83.8622



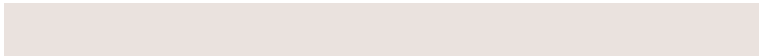
73.1306, 76.8889, 88.4723

Rectangle

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



74.7220, 76.8889, 83.5758



74.0942, 76.8889, 80.1057



71.4634, 76.8889, 83.8622



72.0763, 76.8889, 87.4392

Sweetspot

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



74.7242, 76.8922, 83.5775



93.9240, 98.2566, 106.9568



75.0252, 76.9335, 88.7383



20.1155, 21.0493, 22.9137



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

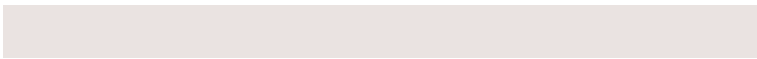
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7242, 76.8922, 83.5775



89.5601, 91.5106, 99.3924



75.1033, 78.0889, 82.3525



15.8956, 16.1771, 17.5625



19.4537, 9.9842, 2.9246



1.5629, 0.7981, 0.4157

Inverse Universe

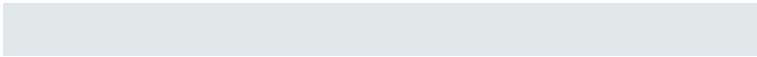
The Inverse Universe completely reimagines the original color for something new.



74.7242, 76.8922, 83.5775



89.5601, 91.5106, 99.3924



74.6494, 79.4387, 89.2416



15.8956, 16.1771, 17.5625



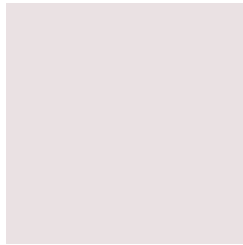
19.4537, 9.9842, 2.9246



1.5629, 0.7981, 0.4157

Previews

White Background



This preview shows how the XYZ color 74.7220, 76.8889, 83.5758 looks on a white background.

Color Contrast Check

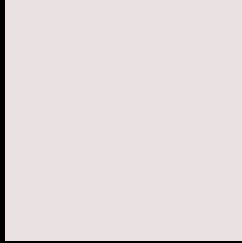
Large Text (above 18pt) WCAG AA × Fail

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 74.7220, 76.8889, 83.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

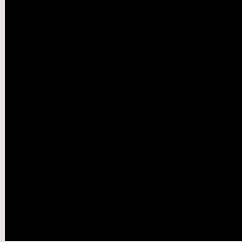
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

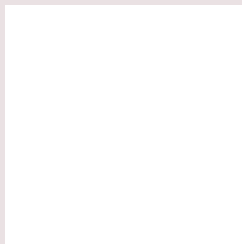
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7220, 76.8889, 83.5758

Background



This preview shows how black text looks on a background with the XYZ color 74.7220, 76.8889, 83.5758.



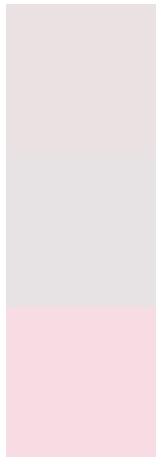
This preview shows how white text looks on a background with the XYZ color 74.7220, 76.8889,

83.5758.

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

74.7220, 76.8889, 83.5758

Protanopia

74.1549, 76.9831, 84.3496

Deuteranopia

78.3082, 76.7443, 84.0846



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

74.7220, 76.8889, 83.5758

Protanomaly

74.4787, 77.1500, 84.3648

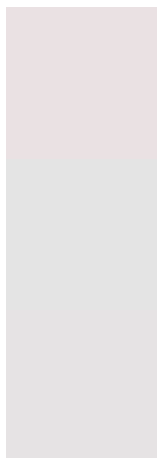
Deuteranomaly

77.0870, 76.8987, 84.1788

Tritanomaly

75.9120, 76.9716, 89.4533

Monochromacy



Original Color

74.7220, 76.8889, 83.5758

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1058, 77.3626, 84.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7220, 76.8889, 83.5758 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(234, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 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(234, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.7220, 76.8889, 83.5758 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(234, 225, 227) }
```


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

```
.border{ border-color:rgb(234, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7220, 76.8889, 83.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 227) }
```

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

```
.background{ background-color: rgb(234,  
225, 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