

Converting Colors

XYZ(74.7224, 77.9202, 80.9479)

Have a look what the booklet for
XYZ(74.7224, 77.9202, 80.9479)
contains.

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Color

**XYZ(74.7201, 77.7583,
80.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE3DF
RGB	234, 227, 223
RGB Percent	92%, 89%, 87%
CMY	0.0823, 0.1098, 0.1255
CMYK	0.00, 0.03, 0.05, 0.08
HSL	22°, 21%, 90%
HSV	22°, 5%, 92%
XYZ	74.7201, 77.7583, 80.8827
YIQ	228.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

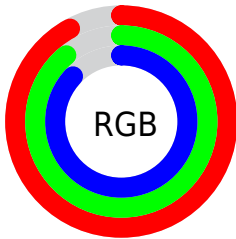
Format	Color
RYB	234, 229, 223
Decimal	15393759
CIELab	90.67, 1.68, 2.78
CIElCh	91, 3.249, 58.861
Yxy	77.7583, 0.3202, 0.3332
Android (android.graphics.Color)	4293583839 (0xFFEAE3DF)
YUV	228.6370, -2.7790, 4.7034
Hunter-Lab	88.1807, -3.0638, 7.3434

Details

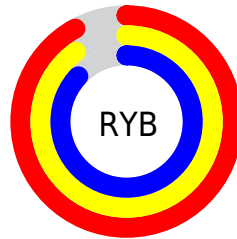
The XYZ color **74.7201, 77.7583, 80.8827** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5796, 78.2211, 89.0632**, and the grayscale version is **74.2283, 78.0940, 85.0443**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1805, 41.7972, 42.9957** is the 20% darker color. If you saturate the color by 10%, you get **67.8852, 68.7927, 64.1001**, and if you desaturate by 10%, it is **82.3473, 87.6089, 100.0825**.

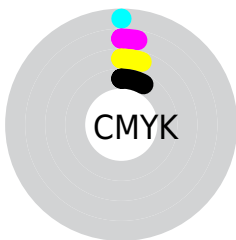
Distribution



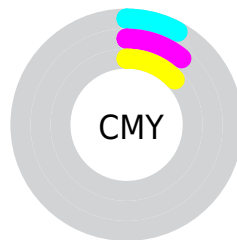
- Red (92%)
- Green (89%)
- Blue (87%)



- Red (92%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7201, 77.7583, 80.8827 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 74.7201, 77.7583, 80.8827 by changing the saturation by 10% instead.

■ 74.7201, 77.7583,
80.8827

■ 74.7201, 77.7583,
80.8827

465.9670,
487.3456, 517.6876

■ 55.6770, 57.8755,
59.9146

124.9061,
130.2093, 136.4286

■ 40.1800, 41.7085,
42.9249

156.7797,
163.5463, 171.8435

■ 27.8637, 28.8731,
29.4952

193.6608,
202.1368, 212.9111

■ 18.3629, 18.9849,
19.2070

235.9149,
246.3652, 260.0498

■ 11.3121, 11.6593,
11.6416

283.9071,
296.6159, 313.6783

■ 6.3460, 6.5122,
6.3806

338.0030,

■ 3.0992, 3.1589,

353.2732, 374.2151

3.0053

398.5678,
416.7217, 442.0787

■ 1.2065, 1.2153,
1.0974

■ 0.1115, 0.0741,
0.0000

■ 74.7201, 77.7583,
80.8827

■ 74.7201, 77.7583,
80.8827

■ 67.8852, 68.7927,
64.1001

■ 82.3473, 87.6089,
100.0825

■ 61.8095, 60.6770,
49.6329

■ 87.7422, 96.2327,
108.5580

■ 56.4669, 53.3887,
37.3799

■ 51.8273, 46.9002,
27.2300

■ 47.8584, 41.1827,
19.0625

■ 44.5251, 36.2050,
12.7445

■ 41.7884, 31.9337,
8.1263

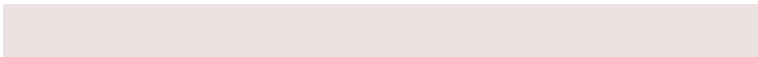
■ 39.6043, 28.3324,
5.0344

■ 37.9209, 25.3599,
3.2571

Harmonies

Analogous

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



75.2876, 77.7583, 82.5181



74.7201, 77.7583, 80.8827



73.9381, 77.7583, 80.2581

Triad

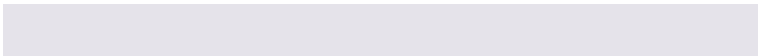
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7201, 77.7583, 80.8827



72.3515, 77.7583, 84.5764



74.6658, 77.7583, 88.6565

Complementary

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



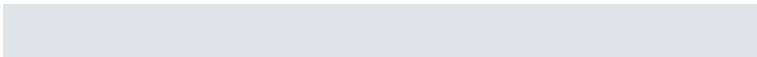
74.7201, 77.7583, 80.8827



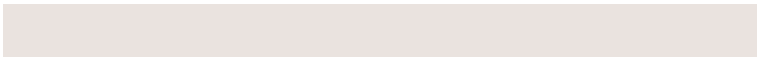
73.5796, 78.2211, 89.0632

Split Complementary

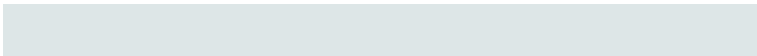
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8758, 77.7583, 89.2316



74.7201, 77.7583, 80.8827



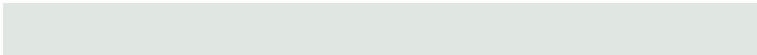
72.5432, 77.7583, 86.8500

Square

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



74.7201, 77.7583, 80.8827



72.5740, 77.7583, 82.3663



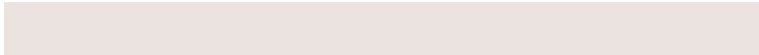
73.0997, 77.7583, 88.5646



75.2561, 77.7583, 87.0072

Rectangle

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



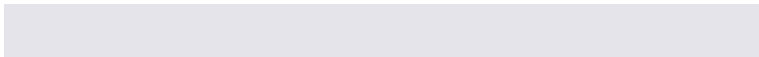
74.7201, 77.7583, 80.8827



73.4016, 77.7583, 80.4899



73.0997, 77.7583, 88.5646



74.4146, 77.7583, 88.9832

Sweetspot

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



74.7223, 77.7617, 80.8844



94.1269, 98.8064, 106.5803



74.6245, 75.9906, 85.7091



20.1568, 21.1612, 22.8370



0.0000, 0.0000, 0.0000



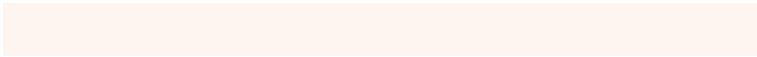
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7223, 77.7617, 80.8844



89.6575, 93.0012, 95.4302



76.2073, 80.7318, 81.3794



15.9444, 16.5143, 16.8403



21.0103, 13.7148, 1.5398



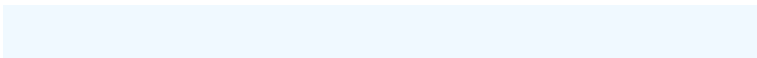
1.7386, 1.2544, 0.1505

Inverse Universe

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



73.5796, 78.2211, 89.0632



87.8924, 93.7108, 108.0633



72.1145, 75.2911, 88.5748



15.5987, 16.6532, 19.3145



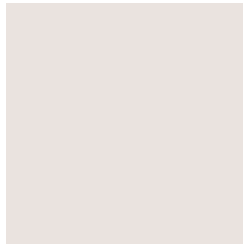
14.4933, 15.6336, 45.9967



1.2290, 1.4095, 3.6422

Previews

White Background



This preview shows how the XYZ color 74.7201, 77.7583, 80.8827 looks on a white background.

Color Contrast Check

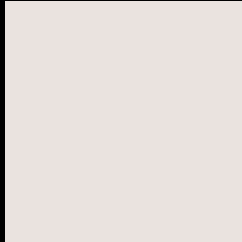
Large Text (above 18pt) WCAG AA × Fail

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 74.7201, 77.7583, 80.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

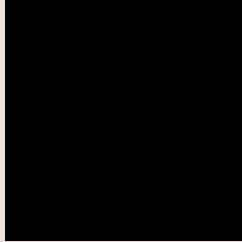
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

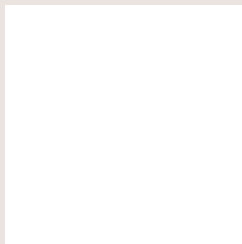
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7201, 77.7583, 80.8827

Background



This preview shows how black text looks on a background with the XYZ color 74.7201, 77.7583, 80.8827.

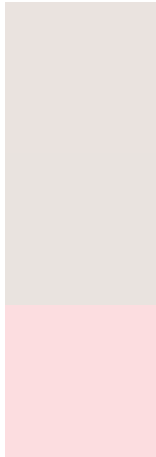


This preview shows how white text looks on a background with the XYZ color 74.7201, 77.7583,

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

74.7201, 77.7583, 80.8827

Protanopia

74.3926, 77.5895, 80.8674

Deuteranopia

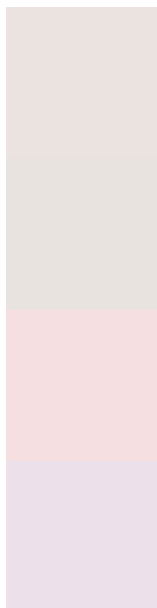
79.4559, 77.7902, 81.3482



Tritanopia

77.6077, 77.7266, 94.9168

Trichromacy



Original Color

74.7201, 77.7583, 80.8827

Protanomaly

74.3926, 77.5895, 80.8674

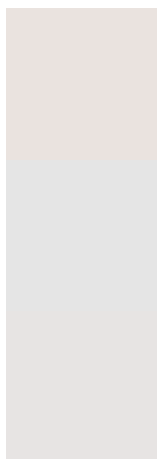
Deuteranomaly

77.4984, 77.5696, 81.4088

Tritanomaly

76.5127, 77.6815, 89.5586

Monochromacy



Original Color

74.7201, 77.7583, 80.8827

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5635, 78.0218, 83.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7201, 77.7583, 80.8827 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, 227, 223) looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 223)  
}
```

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, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.7201, 77.7583, 80.8827 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, 227, 223) }
```


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

```
.border{ border-color:rgb(234, 227, 223) }
```

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

Here you see how a box with a 4 pixel rgb(234, 227, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7201, 77.7583, 80.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 223) }
```

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

```
.background{ background-color: rgb(234,  
227, 223) }
```

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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