

Converting Colors

XYZ(75.9621, 77.4497, 76.4231)

Have a look what the booklet for
XYZ(75.9621, 77.4497, 76.4231)
contains.

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Color

**XYZ(75.7980, 77.1983,
76.5514)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2E0D9 |
| RGB | 242, 224, 217 |
| RGB Percent | 95%, 88%, 85% |
| CMY | 0.0510, 0.1215, 0.1490 |
| CMYK | 0.00, 0.07, 0.10, 0.05 |
| HSL | 17°, 49%, 90% |
| HSV | 17°, 10%, 95% |
| XYZ | 75.7980, 77.1983, 76.5514 |
| YIQ | 228.5840, 12.9750, 1.6390 |

Conversions

Conversions Part 2

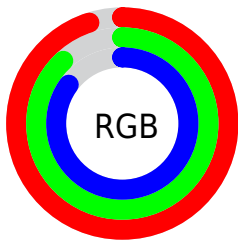
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 242, 227, 217 |
| Decimal | 15917273 |
| CIE Lab | 90.41, 4.99, 5.63 |
| CIE LCh | 90, 7.527, 48.426 |
| Yxy | 77.1983, 0.3302, 0.3363 |
| Android (android.graphics.Color) | 4294107353 (0xFF2E0D9) |
| YUV | 228.5840, -5.7109, 11.7658 |
| Hunter-Lab | 87.8626, 0.2304, 9.8466 |

Details

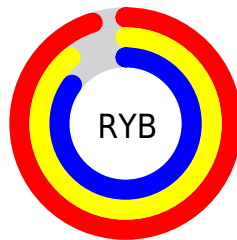
The XYZ color **75.7980, 77.1983, 76.5514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3504, 80.5777, 95.6397**, and the grayscale version is **74.2063, 78.0708, 85.0191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9593, 41.4237, 40.0192** is the 20% darker color. If you saturate the color by 10%, you get **68.4345, 67.1441, 59.6893**, and if you desaturate by 10%, it is **84.1071, 88.4033, 96.0078**.

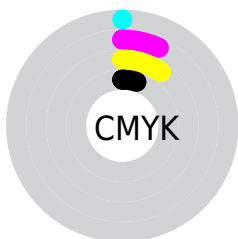
Distribution



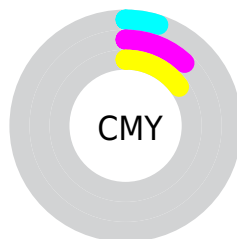
- Red (95%)
- Green (88%)
- Blue (85%)



- Red (95%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7980, 77.1983, 76.5514 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 75.7980, 77.1983, 76.5514 by changing the saturation by 10% instead.

75.7980, 77.1983,
76.5514

75.7980, 77.1983,
76.5514

469.6110,
485.4399, 502.6301

56.5634, 57.4156,
56.3754

126.4232,
129.4194, 130.2733

40.8935, 41.3390,
40.0980

158.5445,
162.6266, 164.6562

28.4232, 28.5841,
27.3006

195.6920,
201.0774, 204.6119

18.7870, 18.7664,
17.5647

238.2312,
245.1562, 250.5588

11.6196, 11.5016,
10.4717

286.5273,
295.2475, 302.9156

6.5555, 6.4053,
5.6031

340.9457,

3.2296, 3.0931,

351.7356, 362.1007

2.5404

401.8518,
415.0049, 428.5327

■ 1.2763, 1.1805,
0.8615

■ 0.1654, 0.0457,
0.0000

■ 75.7980, 77.1983,
76.5514

■ 75.7980, 77.1983,
76.5514

■ 68.4345, 67.1441,
59.6893

■ 84.1071, 88.4033,
96.0078

■ 61.9757, 58.1937,
45.3062

■ 90.4283, 97.6174,
108.6837

■ 56.3874, 50.3118,
33.2859

■ 51.6302, 43.4574,
23.5003

■ 47.6621, 37.5867,
15.8095

■ 44.4364, 32.6525,
10.0574

■ 41.9015, 28.6034,
6.0659

■ 39.9978, 25.3824,
3.6230

■ 38.6735, 22.9878,
2.3988

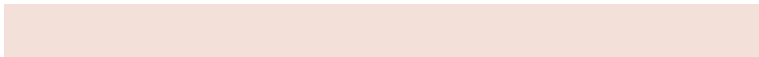
Harmonies

Analogous

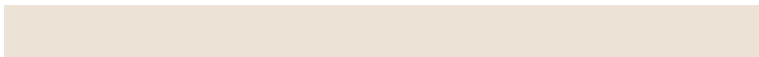
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8555, 77.1983, 80.8280



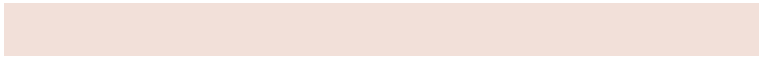
75.7980, 77.1983, 76.5514



74.1018, 77.1983, 74.3225

Triad

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



75.7980, 77.1983, 76.5514



69.8923, 77.1983, 81.9972



74.5224, 77.1983, 94.2580

Complementary

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



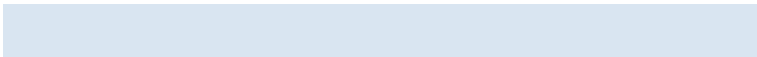
75.7980, 77.1983, 76.5514



74.3504, 80.5777, 95.6397

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.



72.6523, 77.1983, 94.6039



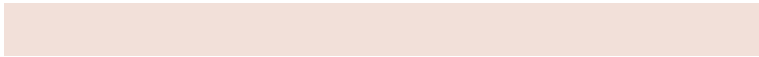
75.7980, 77.1983, 76.5514



70.0006, 77.1983, 87.3684

Square

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



75.7980, 77.1983, 76.5514



70.7053, 77.1983, 77.3758



71.0035, 77.1983, 92.0353



76.1104, 77.1983, 91.1096

Rectangle

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



75.7980, 77.1983, 76.5514



72.8466, 77.1983, 74.2316



71.0035, 77.1983, 92.0353



73.9053, 77.1983, 94.7107

Sweetspot

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



75.8001, 77.2017, 76.5530



92.1109, 96.0538, 101.9646



76.4754, 74.5215, 89.2043



19.5510, 20.3380, 21.4378



0.0000, 0.0000, 0.0000



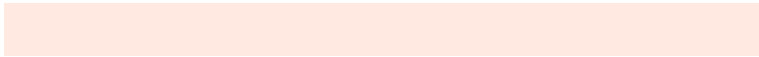
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8001, 77.2017, 76.5530



83.8802, 84.9263, 82.7772



79.1867, 83.9749, 77.6819



16.1333, 16.4798, 16.4803



20.8746, 12.5473, 1.3217



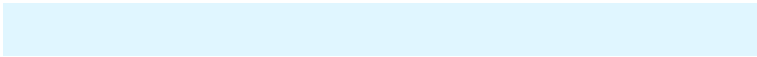
1.8176, 1.2059, 0.1370

Inverse Universe

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



74.3504, 80.5777, 95.6397



82.0003, 89.3027, 107.5230



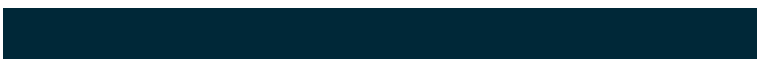
70.9865, 73.8500, 94.5184



15.8513, 17.1367, 20.1939



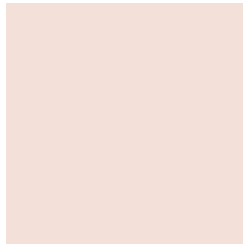
16.8829, 19.9900, 48.0965



1.4880, 1.8300, 4.0290

Previews

White Background



This preview shows how the XYZ color 75.7980, 77.1983, 76.5514 looks on a white background.

Color Contrast Check

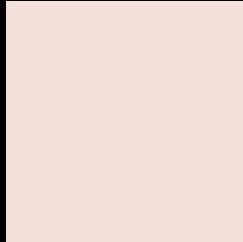
Large Text (above 18pt) WCAG AA × Fail

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 75.7980, 77.1983, 76.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

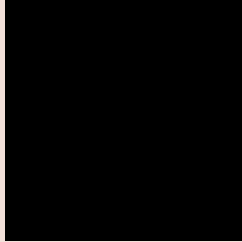
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

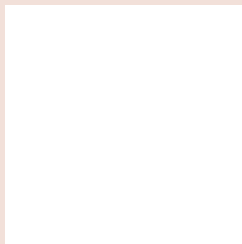
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7980, 77.1983, 76.5514

Background



This preview shows how black text looks on a background with the XYZ color 75.7980, 77.1983, 76.5514.

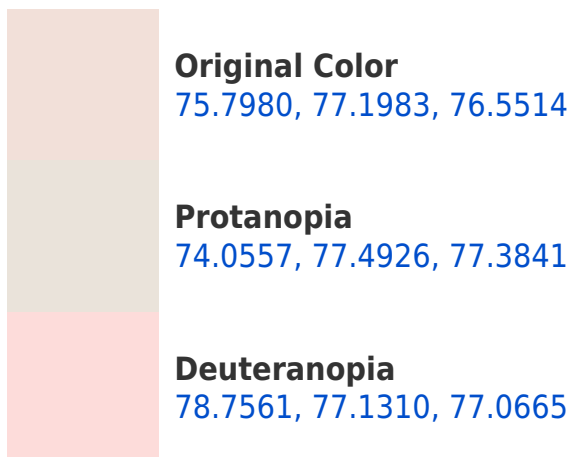


This preview shows how white text looks on a background with the XYZ color 75.7980, 77.1983,

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

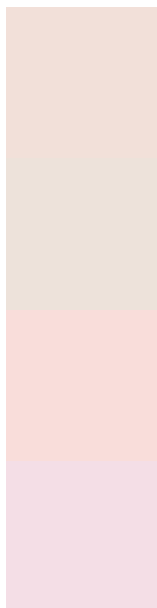




Tritanopia

78.9453, 77.2984, 91.6481

Trichromacy



Original Color

75.7980, 77.1983, 76.5514

Protanomaly

74.7763, 77.4592, 77.3397

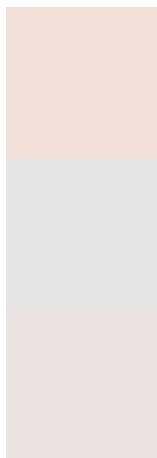
Deuteranomaly

77.5783, 76.9146, 77.0869

Tritanomaly

77.7124, 77.1888, 85.6660

Monochromacy



Original Color

75.7980, 77.1983, 76.5514

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9914, 77.8668, 82.3115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7980, 77.1983, 76.5514 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(242, 224, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 217)  
}
```

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(242, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.7980, 77.1983, 76.5514 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(242, 224, 217) }
```


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

```
.border{ border-color:rgb(242, 224, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 224, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7980, 77.1983, 76.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 217) }
```

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

```
.background{ background-color: rgb(242,  
224, 217) }
```

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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