

Converting Colors

XYZ(76.6043, 78.1539, 75.2374)

Have a look what the booklet for
XYZ(76.6043, 78.1539, 75.2374)
contains.

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Color

**XYZ(76.4992, 77.9898,
75.3116)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E1D7
RGB	244, 225, 215
RGB Percent	96%, 88%, 84%
CMY	0.0431, 0.1176, 0.1569
CMYK	0.00, 0.08, 0.12, 0.04
HSL	21°, 57%, 90%
HSV	21°, 12%, 96%
XYZ	76.4992, 77.9898, 75.3116
YIQ	229.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

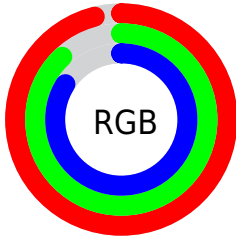
Format	Color
R _Y B	244, 230, 215
Decimal	16048599
CIE Lab	90.78, 4.86, 7.22
CIE LCh	91, 8.703, 56.069
Yxy	77.9898, 0.3329, 0.3394
Android (android.graphics.Color)	4294238679 (0xFFFF4E1D7)
YUV	229.5410, -7.1687, 12.6805
Hunter-Lab	88.3118, 0.0780, 11.2563

Details

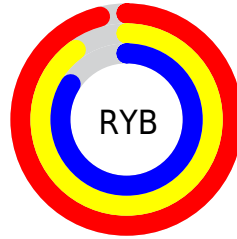
The XYZ color **76.4992, 77.9898, 75.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7761, 79.8229, 97.1078**, and the grayscale version is **74.9202, 78.8219, 85.8371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4589, 41.9789, 39.1753** is the 20% darker color. If you saturate the color by 10%, you get **69.4749, 68.5897, 58.6381**, and if you desaturate by 10%, it is **84.3999, 88.3928, 94.5861**.

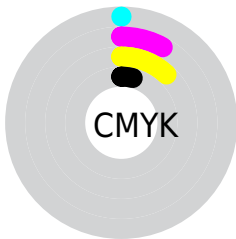
Distribution



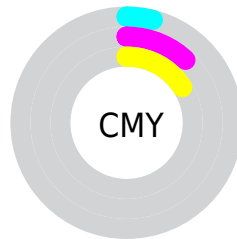
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4992, 77.9898, 75.3116 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 76.4992, 77.9898, 75.3116 by changing the saturation by 10% instead.

 76.4992, 77.9898,
75.3116

 76.4992, 77.9898,
75.3116


471.9730,
488.1322, 498.2719

 57.1404, 58.0656,
55.3649


127.4089,
130.5357, 128.5045

 41.3586, 41.8614,
39.2934


159.6906,
163.9263, 162.5878

 28.7883, 28.9928,
26.6785


197.0105,
202.5744, 202.2204

 19.0642, 19.0754,
17.1016

239.7342,
246.8644, 247.8209

 11.8210, 11.7247,
10.1442

288.2270,
297.1809, 299.8077

 6.6932, 6.5565,
5.3878

342.8541,

 3.3156, 3.1863,

353.9080, 358.5995

2.4139

403.9810,
417.4303, 424.6147

■ 1.3228, 1.2298,
0.7940

■ 0.2002, 0.0858,
0.0000

■ 76.4992, 77.9898,
75.3116

■ 76.4992, 77.9898,
75.3116

■ 69.4749, 68.5897,
58.6381

■ 84.3999, 88.3928,
94.5861

■ 63.2890, 60.1517,
44.4481

■ 91.1186, 97.9733,
108.7160

■ 57.9098, 52.6475,
32.6229

■ 53.3012, 46.0432,
23.0315

■ 49.4240, 40.3028,
15.5305

■ 46.2352, 35.3876,
9.9591

■ 43.6864, 31.2554,
6.1331

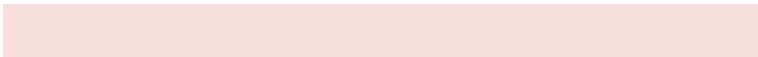
■ 41.7212, 27.8593,
3.8310

■ 40.4925, 25.6011,
2.8073

Harmonies

Analogous

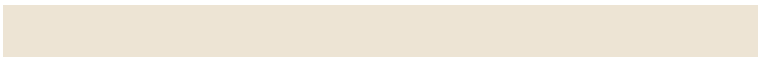
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9690, 77.9898, 79.7341



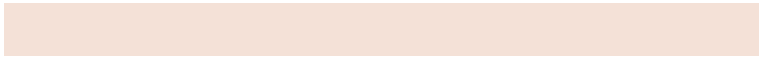
76.4992, 77.9898, 75.3116



74.4156, 77.9898, 73.4600

Triad

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



76.4992, 77.9898, 75.3116



70.0102, 77.9898, 84.0947



75.9904, 77.9898, 96.2020

Complementary

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



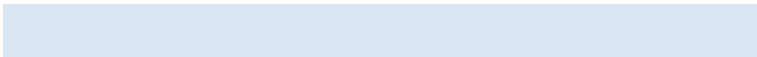
76.4992, 77.9898, 75.3116



73.7761, 79.8229, 97.1078

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.



73.8391, 77.9898, 97.5087



76.4992, 77.9898, 75.3116



70.4133, 77.9898, 90.3211

Square

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



76.4992, 77.9898, 75.3116



70.6922, 77.9898, 78.3708



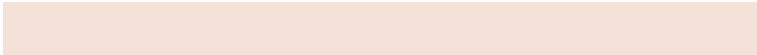
71.8043, 77.9898, 95.3076



77.6712, 77.9898, 91.8193

Rectangle

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



76.4992, 77.9898, 75.3116



72.9690, 77.9898, 73.8622



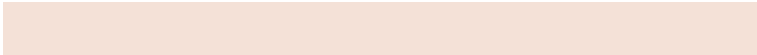
71.8043, 77.9898, 95.3076



75.2971, 77.9898, 97.0245

Sweetspot

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



76.5013, 77.9932, 75.3133



91.3564, 95.1713, 99.7811



76.5089, 73.7948, 88.3055



19.4092, 20.1806, 21.0016



0.0000, 0.0000, 0.0000



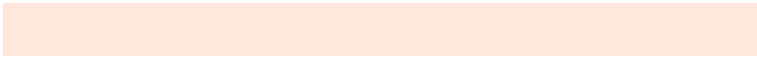
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5013, 77.9932, 75.3133



82.8143, 83.8874, 79.0522



80.4902, 85.9710, 76.6429



16.9665, 17.4172, 17.2652



22.1319, 14.1493, 1.5646



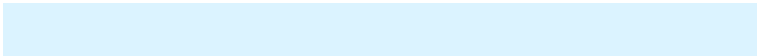
2.0372, 1.4277, 0.1682

Inverse Universe

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



73.7761, 79.8229, 97.1078



79.3100, 86.2390, 107.0735



69.9040, 72.0788, 95.8171



16.4874, 17.7391, 21.0976



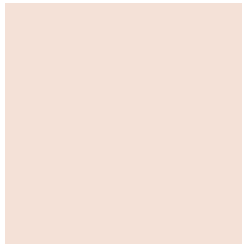
15.8301, 17.4540, 49.0727



1.4869, 1.7252, 4.3449

Previews

White Background



This preview shows how the XYZ color 76.4992, 77.9898, 75.3116 looks on a white background.

Color Contrast Check

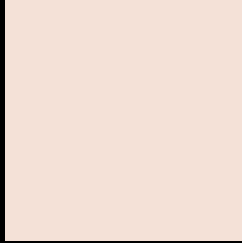
Large Text (above 18pt) WCAG AA × Fail

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 76.4992, 77.9898, 75.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

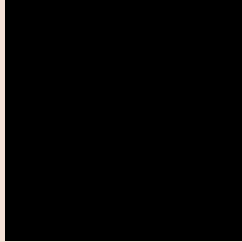
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

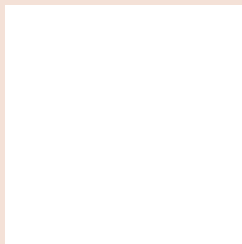
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4992, 77.9898, 75.3116

Background



This preview shows how black text looks on a background with the XYZ color 76.4992, 77.9898, 75.3116.



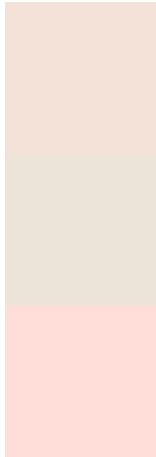
This preview shows how white text looks on a background with the XYZ color 76.4992, 77.9898,

75.3116.

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

76.4992, 77.9898, 75.3116

Protanopia

74.7301, 78.2775, 76.1361

Deuteranopia

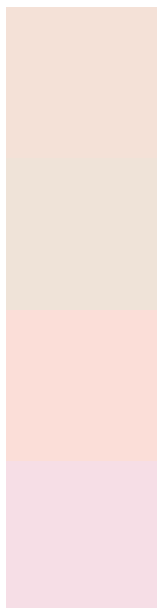
79.4911, 77.9308, 75.8183



Tritanopia

79.7942, 77.7191, 92.4570

Trichromacy



Original Color

76.4992, 77.9898, 75.3116

Protanomaly

75.4604, 78.2468, 76.0917

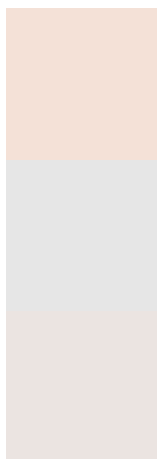
Deuteranomaly

78.2996, 77.7096, 75.8384

Tritanomaly

78.4102, 77.5486, 85.6986

Monochromacy



Original Color

76.4992, 77.9898, 75.3116

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5950, 78.5852, 82.4183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4992, 77.9898, 75.3116 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(244, 225, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 215)  
}
```

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(244, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.4992, 77.9898, 75.3116 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(244, 225, 215) }
```


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

```
.border{ border-color:rgb(244, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4992, 77.9898, 75.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 215) }
```

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

```
.background{ background-color: rgb(244,  
225, 215) }
```

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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