

# Converting Colors

XYZ(76.6846, 78.2786, 75.1795)

Have a look what the booklet for  
XYZ(76.6846, 78.2786, 75.1795)  
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

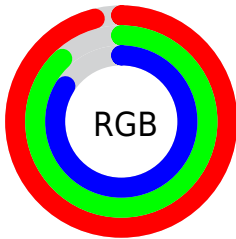
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 230, 215
Decimal	16048599
CIE Lab	90.78, 4.86, 7.22
CIE LCh	91, 8.703, 56.069
Yxy	77.9898, 0.3329, 0.3394
Android (android.graphics.Color)	4294238679 (0xFFFF4E1D7)
YUV	229.5410, -7.1687, 12.6805
Hunter-Lab	88.3118, 0.0780, 11.2563

# Details

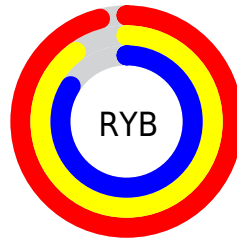
The XYZ color **76.4992, 77.9898, 75.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7761, 79.8229, 97.1078**, and the grayscale version is **74.9202, 78.8219, 85.8371**.

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**.

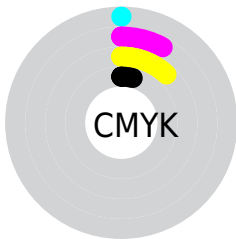
# Distribution



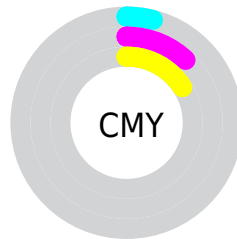
- Red (96%)
- Green (88%)
- Blue (84%)



- 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

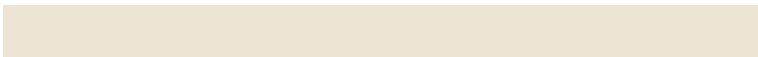
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9690, 77.9898, 79.7341



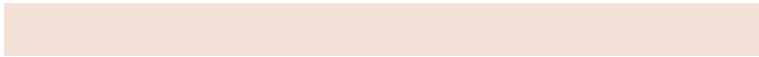
76.4992, 77.9898, 75.3116



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



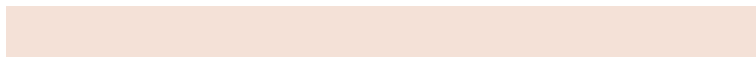
70.0102, 77.9898, 84.0947



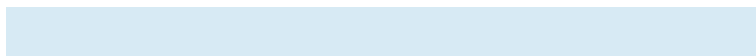
75.9904, 77.9898, 96.2020

# Complementary

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



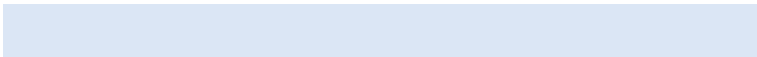
76.4992, 77.9898, 75.3116



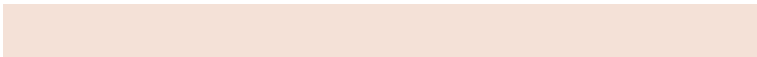
73.7761, 79.8229, 97.1078

# 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



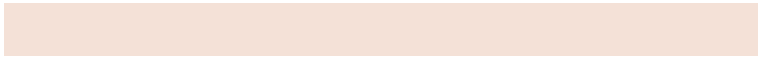
76.4992, 77.9898, 75.3116



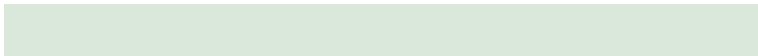
70.4133, 77.9898, 90.3211

# 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

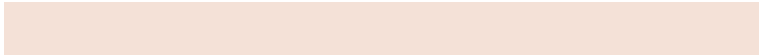


77.6712, 77.9898, 91.8193



# 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



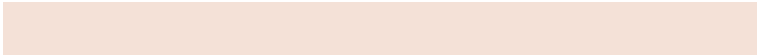
71.8043, 77.9898, 95.3076



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

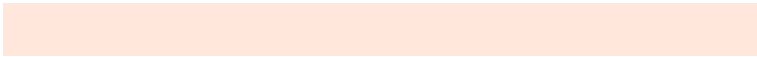


# Same Dimension

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

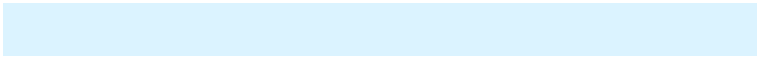


# Inverse Universe

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

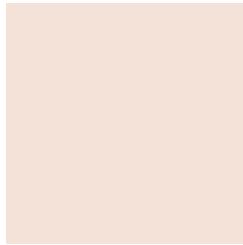


1.4869, 1.7252, 4.3449



# 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

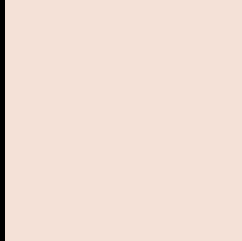
Any Text WCAG AA × Fail

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

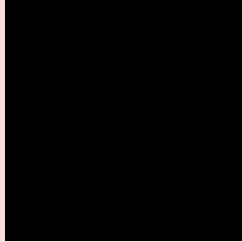
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

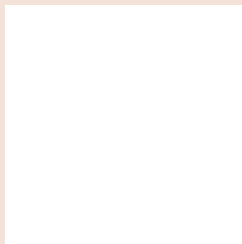
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**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.



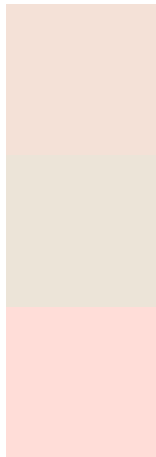
This preview shows how white text looks on a background with the XYZ color 76.4992, 77.9898,

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

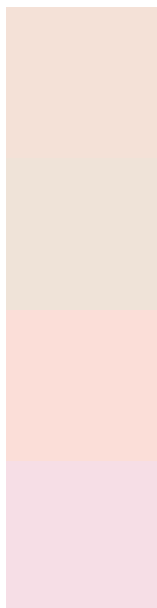
79.4911, 77.9308, 75.8183



## Tritanopia

79.7942, 77.7191, 92.4570

# Trichromacy



## Original Color

76.4992, 77.9898, 75.3116

## Protanomaly

75.4604, 78.2468, 76.0917

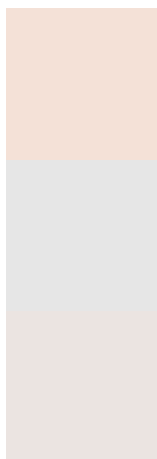
## Deuteranomaly

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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