

Converting Colors

XYZ(76.8617, 79.6048, 77.5970)

Have a look what the booklet for
XYZ(76.8617, 79.6048, 77.5970)
contains.

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Color

**XYZ(76.9498, 79.8014,
77.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E5DA
RGB	241, 229, 218
RGB Percent	95%, 90%, 85%
CMY	0.0549, 0.1019, 0.1451
CMYK	0.00, 0.05, 0.10, 0.05
HSL	29°, 45%, 90%
HSV	29°, 10%, 95%
XYZ	76.9498, 79.8014, 77.6772
YIQ	231.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

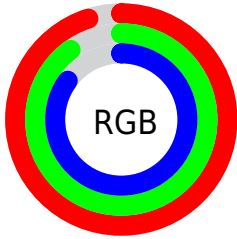
Format	Color
RYB	241, 239, 218
Decimal	15853018
CIELab	91.60, 2.23, 6.80
CIELCh	92, 7.160, 71.827
Yxy	79.8014, 0.3282, 0.3404
Android (android.graphics.Color)	4294043098 (0xFFFF1E5DA)
YUV	231.3340, -6.5737, 8.4771
Hunter-Lab	89.3316, -2.5714, 10.9773

Details

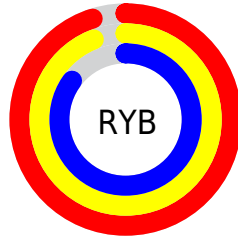
The XYZ color **76.9498, 79.8014, 77.6772** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0871, 77.8483, 94.3939**, and the grayscale version is **76.2482, 80.2190, 87.3585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7545, 43.2307, 40.7940** is the 20% darker color. If you saturate the color by 10%, you get **70.6704, 71.9275, 61.1397**, and if you desaturate by 10%, it is **83.9440, 88.3694, 96.7173**.

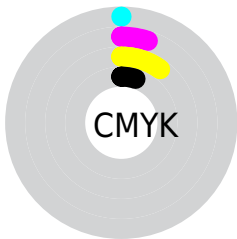
Distribution



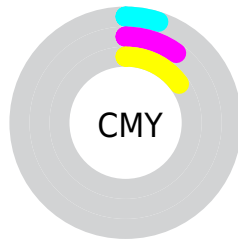
- Red (95%)
- Green (90%)
- Blue (85%)



- Red (95%)
- Yellow (94%)
- Blue (85%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9498, 79.8014, 77.6772 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 76.9498, 79.8014, 77.6772 by changing the saturation by 10% instead.

76.9498, 79.8014,
77.6772

76.9498, 79.8014,
77.6772

473.4874,
494.2633, 506.5687

57.5115, 59.5549,
57.2940

128.0418,
133.0865, 131.8767

41.6578, 43.0600,
40.8304

160.4262,
166.8939, 166.5301

29.0233, 29.9322,
27.8679

197.8567,
205.9904, 206.7772

19.2428, 19.7871,
17.9879

240.6986,
250.7604, 253.0367

11.9509, 12.2404,
10.7720

289.3172,
301.5883, 305.7270

6.7822, 6.9076,
5.8015

344.0780,

3.3714, 3.4044,

358.8585, 365.2668

2.6579

405.3463,
422.9553, 432.0745

■ 1.3531, 1.3463,
0.9221

■ 0.2224, 0.1767,
0.0000

■ 76.9498, 79.8014,
77.6772

■ 76.9498, 79.8014,
77.6772

■ 70.6704, 71.9275,
61.1397

■ 83.9440, 88.3694,
96.7173

■ 65.0743, 64.7186,
46.9940

■ 89.8135, 96.8960,
108.5769

■ 60.1371, 58.1590,
35.1288

■ 90.0859, 97.4409,
108.6677

■ 55.8301, 52.2282,
25.4216

■ 52.1225, 46.9043,
17.7385

■ 48.9802, 42.1639,
11.9302

■ 46.3649, 37.9817,
7.8267

■ 44.2320, 34.3289,
5.2260

■ 42.5140, 31.1675,
3.8068

Harmonies

Analogous

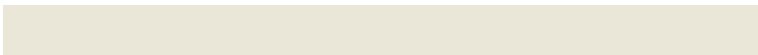
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4969, 79.8014, 80.3518



76.9498, 79.8014, 77.6772



75.1311, 79.8014, 77.4100

Triad

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



76.9498, 79.8014, 77.6772



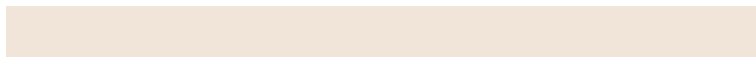
72.4621, 79.8014, 88.9686



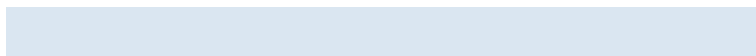
78.2158, 79.8014, 94.6050

Complementary

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



76.9498, 79.8014, 77.6772



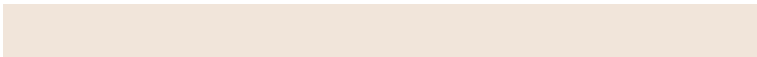
73.0871, 77.8483, 94.3939

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.



76.5711, 79.8014, 97.1144



76.9498, 79.8014, 77.6772



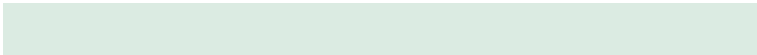
73.2610, 79.8014, 93.7739

Square

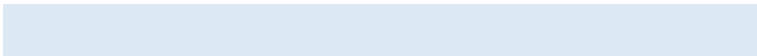
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9498, 79.8014, 77.6772



72.5598, 79.8014, 83.7898



74.7584, 79.8014, 96.8042



79.2358, 79.8014, 90.0660

Rectangle

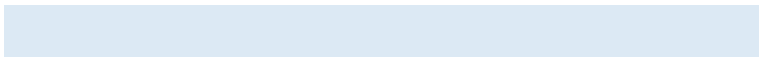
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9498, 79.8014, 77.6772



74.0113, 79.8014, 78.6191



74.7584, 79.8014, 96.8042



77.7166, 79.8014, 95.7219

Sweetspot

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



76.9520, 79.8049, 77.6789



92.5830, 96.9978, 102.1219



75.6684, 74.5728, 85.4662



19.6781, 20.5924, 21.4801



0.0000, 0.0000, 0.0000



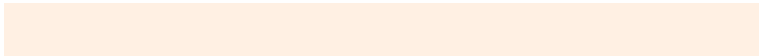
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9520, 79.8049, 77.6789



86.3676, 89.3421, 85.3296



80.1601, 86.2211, 78.7483



16.3968, 17.0066, 16.5681



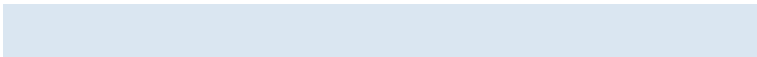
23.1486, 17.0952, 2.0796



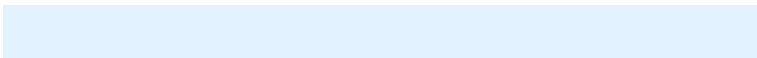
2.0248, 1.6203, 0.2060

Inverse Universe

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



73.0871, 77.8483, 94.3939



81.3398, 86.7967, 107.0741



70.0624, 71.7989, 93.3856



15.5794, 16.5928, 20.1032



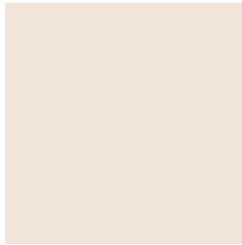
12.7703, 11.7648, 46.7256



1.1620, 1.1779, 3.9203

Previews

White Background



This preview shows how the XYZ color 76.9498, 79.8014, 77.6772 looks on a white background.

Color Contrast Check

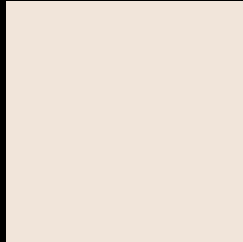
Large Text (above 18pt) WCAG AA × Fail

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 76.9498, 79.8014, 77.6772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

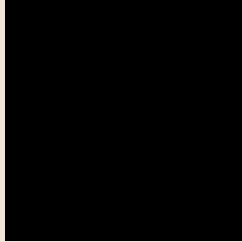
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9498, 79.8014, 77.6772

Background



This preview shows how black text looks on a background with the XYZ color 76.9498, 79.8014, 77.6772.

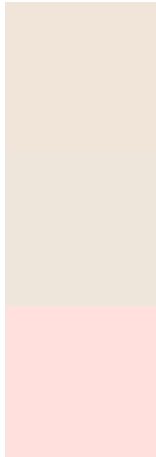


This preview shows how white text looks on a background with the XYZ color 76.9498, 79.8014,

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

76.9498, 79.8014, 77.6772

Protanopia

76.3429, 79.8852, 78.4135

Deuteranopia

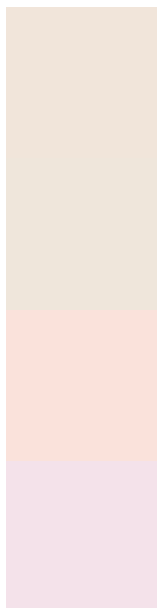
80.8139, 79.7386, 78.8419



Tritanopia

80.7591, 79.7340, 95.9278

Trichromacy



Original Color

76.9498, 79.8014, 77.6772

Protanomaly

76.6796, 80.0588, 78.4293

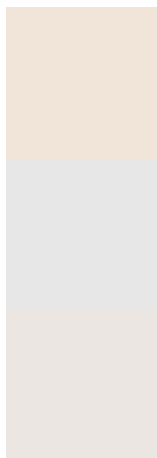
Deuteranomaly

79.4069, 79.8312, 78.2416

Tritanomaly

79.3559, 79.5663, 89.0172

Monochromacy



Original Color

76.9498, 79.8014, 77.6772

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2852, 79.7468, 83.3235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9498, 79.8014, 77.6772 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(241, 229, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 218)  
}
```

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(241, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.9498, 79.8014, 77.6772 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(241, 229, 218) }
```


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

```
.border{ border-color:rgb(241, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 229, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 229, 218); box-shadow:4px 4px 4px 4px rgb(241, 229, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9498, 79.8014, 77.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 218) }
```

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

```
.background{ background-color: rgb(241,  
229, 218) }
```

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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