

Converting Colors

XYZ(77.5760, 79.7297, 76.9463)

Have a look what the booklet for
XYZ(77.5760, 79.7297, 76.9463)
contains.

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Color

**XYZ(77.5760, 79.7297,
76.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E4D9
RGB	244, 228, 217
RGB Percent	96%, 89%, 85%
CMY	0.0431, 0.1059, 0.1490
CMYK	0.00, 0.07, 0.11, 0.04
HSL	24°, 55%, 90%
HSV	24°, 11%, 96%
XYZ	77.5760, 79.7297, 76.9463
YIQ	231.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

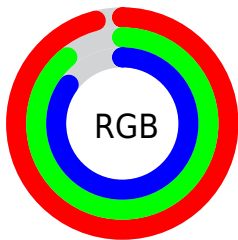
Format	Color
R_{YB}	244, 236, 217
Decimal	16049369
CIE Lab	91.56, 3.63, 7.31
CIE LCh	92, 8.163, 63.573
Yxy	79.7297, 0.3312, 0.3404
Android (android.graphics.Color)	4294239449 (0xFFFF4E4D9)
YUV	231.5300, -7.1633, 10.9362
Hunter-Lab	89.2915, -1.1802, 11.4113

Details

The XYZ color **77.5760, 79.7297, 76.9463** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0830, 79.5595, 97.0406**, and the grayscale version is **76.3974, 80.3760, 87.5295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2042, 43.1871, 40.2940** is the 20% darker color. If you saturate the color by 10%, you get **70.8228, 70.9319, 60.1778**, and if you desaturate by 10%, it is **85.1354, 89.3873, 96.3004**.

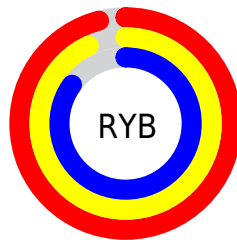
Distribution



Red (96%)

Green (89%)

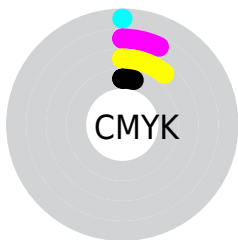
Blue (85%)



Red (96%)

Yellow (93%)

Blue (85%)

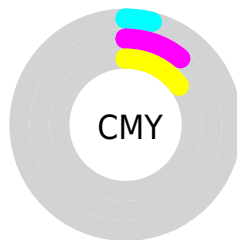


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (11%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5760, 79.7297, 76.9463 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 77.5760, 79.7297, 76.9463 by changing the saturation by 10% instead.


 77.5760, 79.7297,
76.9463

 77.5760, 79.7297,
76.9463

475.5875,
494.0214, 504.0137

 58.0273, 59.4959,
56.6975


128.9208,
132.9856, 130.8360

 42.0740, 43.0125,
40.3547


161.4476,
166.7766, 165.3140

 29.3506, 29.8949,
27.4993


199.0311,
205.8555, 205.3721

 19.4918, 19.7588,
17.7128

242.0368,
250.6066, 251.4289

 12.1323, 12.2199,
10.5767

290.8299,
301.4143, 303.9029

 6.9067, 6.8936,
5.6724

345.7758,

 3.4496, 3.3956,

358.6631, 363.2127

2.5814

407.2399,
422.7374, 429.7768

■ 1.3957, 1.3416,
0.8828

■ 0.2532, 0.1731,
0.0000

■ 77.5760, 79.7297,
76.9463

■ 77.5760, 79.7297,
76.9463

■ 70.8228, 70.9319,
60.1778

■ 85.1354, 89.3873,
96.3004

■ 64.8407, 62.9589,
45.8791

■ 91.1185, 97.9733,
108.7160

■ 59.6013, 55.7886,
33.9330

■ 55.0720, 49.3940,
24.2108

■ 51.2175, 43.7461,
16.5712

■ 47.9987, 38.8142,
10.8564

■ 45.3719, 34.5645,
6.8859

■ 43.2860, 30.9596,
4.4434

■ 41.8131, 28.2425,
3.2475

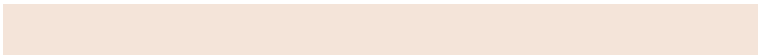
Harmonies

Analogous

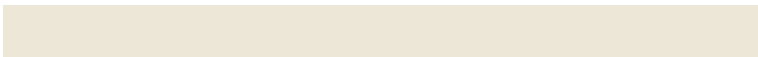
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1646, 79.7297, 80.6261



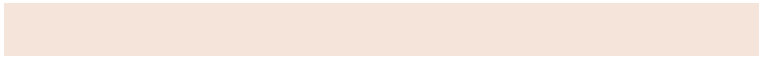
77.5760, 79.7297, 76.9463



75.5315, 79.7297, 75.8667

Triad

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



77.5760, 79.7297, 76.9463



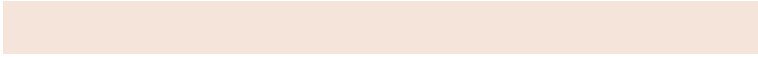
71.8557, 79.7297, 87.5285



78.0157, 79.7297, 96.7172

Complementary

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



77.5760, 79.7297, 76.9463



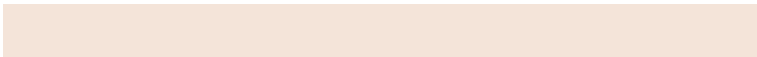
74.0830, 79.5595, 97.0406

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.



76.0304, 79.7297, 98.7626



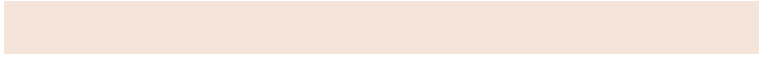
77.5760, 79.7297, 76.9463



72.4946, 79.7297, 93.3067

Square

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



77.5760, 79.7297, 76.9463



72.2526, 79.7297, 81.8098



74.0133, 79.7297, 97.4871



79.4218, 79.7297, 92.0142

Rectangle

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



77.5760, 79.7297, 76.9463



74.1912, 79.7297, 76.7239



74.0133, 79.7297, 97.4871



77.3927, 79.7297, 97.7479

Sweetspot

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



77.5782, 79.7332, 76.9480



92.4138, 96.6595, 102.0655



76.8586, 74.7545, 87.6198



19.6325, 20.5012, 21.4649



0.0000, 0.0000, 0.0000



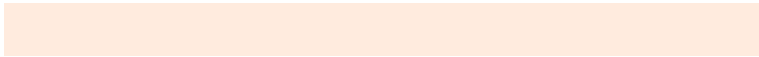
20.3446, 21.4041, 23.3091

Same Dimension

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



77.5782, 79.7332, 76.9480



84.2166, 86.1497, 81.1917



81.3776, 87.3320, 78.2145



17.0537, 17.5915, 17.2942



22.8617, 15.6091, 1.8079



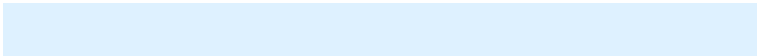
2.1076, 1.5685, 0.1917

Inverse Universe

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



74.0830, 79.5595, 97.0406



79.7284, 85.9262, 106.9910



70.4600, 72.3136, 95.8329



16.3973, 17.5590, 21.0676



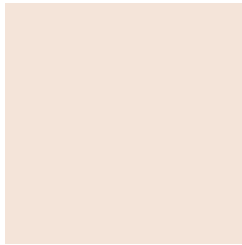
14.4849, 14.7637, 48.6243



1.3739, 1.4993, 4.3072

Previews

White Background



This preview shows how the XYZ color 77.5760, 79.7297, 76.9463 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 77.5760, 79.7297, 76.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

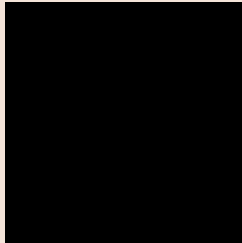
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

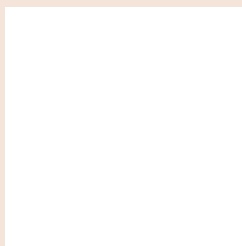
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5760, 79.7297, 76.9463

Background



This preview shows how black text looks on a background with the XYZ color 77.5760, 79.7297, 76.9463.



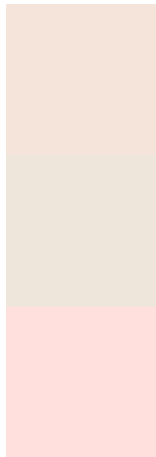
This preview shows how white text looks on a background with the XYZ color 77.5760, 79.7297, 76.9463.

76.9463.

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

77.5760, 79.7297, 76.9463

Protanopia

76.2116, 79.8327, 77.7221

Deuteranopia

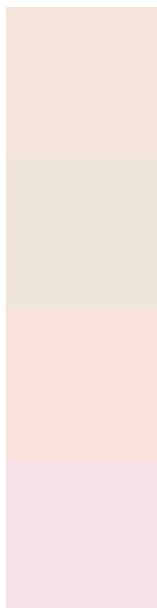
80.8139, 79.7386, 78.8419



Tritanopia

81.0404, 79.4963, 95.0774

Trichromacy



Original Color

77.5760, 79.7297, 76.9463

Protanomaly

76.6094, 79.6258, 77.6612

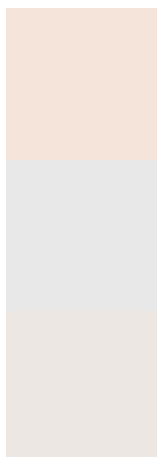
Deuteranomaly

79.4951, 79.4741, 78.1680

Tritanomaly

79.6392, 79.3264, 88.2049

Monochromacy



Original Color

77.5760, 79.7297, 76.9463

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0331, 80.5307, 84.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5760, 79.7297, 76.9463 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, 228, 217) looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 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(244, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.5760, 79.7297, 76.9463 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, 228, 217) }
```


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

```
.border{ border-color:rgb(244, 228, 217) }
```

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

Here you see how a box with a 4 pixel rgb(244, 228, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5760, 79.7297, 76.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 217) }
```

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

```
.background{ background-color: rgb(244,  
228, 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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