

Converting Colors

XYZ(77.2030, 79.6344, 76.1114)

Have a look what the booklet for
XYZ(77.2030, 79.6344, 76.1114)
contains.

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Color

**XYZ(77.1002, 79.4994,
76.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E4D8
RGB	243, 228, 216
RGB Percent	95%, 89%, 85%
CMY	0.0471, 0.1059, 0.1529
CMYK	0.00, 0.06, 0.11, 0.05
HSL	27°, 53%, 90%
HSV	27°, 11%, 95%
XYZ	77.1002, 79.4994, 76.2470
YIQ	231.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

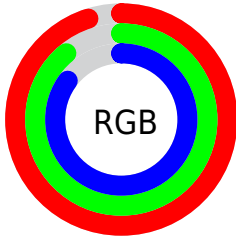
Format	Color
R _Y B	243, 238, 216
Decimal	15983832
CIE Lab	91.46, 3.12, 7.67
CIE LCh	91, 8.283, 67.855
Yxy	79.4994, 0.3311, 0.3414
Android (android.graphics.Color)	4294173912 (0xFFF3E4D8)
YUV	231.1170, -7.4527, 10.4214
Hunter-Lab	89.1624, -1.6824, 11.7120

Details

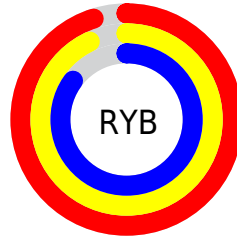
The XYZ color **77.1002, 79.4994, 76.2470** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0721, 78.2202, 96.0414**, and the grayscale version is **76.0917, 80.0544, 87.1792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8701, 43.0251, 39.8161** is the 20% darker color. If you saturate the color by 10%, you get **70.6197, 71.1992, 59.7167**, and if you desaturate by 10%, it is **84.3395, 88.5722, 95.3242**.

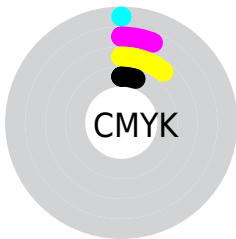
Distribution



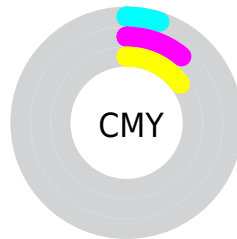
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1002, 79.4994, 76.2470 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 77.1002, 79.4994, 76.2470 by changing the saturation by 10% instead.

77.1002, 79.4994,
76.2470

77.1002, 79.4994,
76.2470

473.9923,
493.2442, 501.5621

57.6353, 59.3065,
56.1272

128.2530,
132.6617, 129.8393

41.7577, 42.8599,
39.9002

160.6717,
166.3999, 164.1488

29.1019, 29.7752,
27.1476

198.1389,
205.4219, 204.0254

19.3026, 19.6680,
17.4507

241.0202,
250.1122, 249.8875

11.9944, 12.1540,
10.3910

289.6808,
300.8552, 302.1537

6.8120, 6.8486,
5.5500

344.4861,

3.3901, 3.3676,

358.0353, 361.2425

2.5091

405.8015,
422.0368, 427.5725

■ 1.3633, 1.3265,
0.8450

■ 0.2298, 0.1616,
0.0000

■ 77.1002, 79.4994,
76.2470

■ 77.1002, 79.4994,
76.2470

■ 70.6197, 71.1992,
59.7167

■ 84.3395, 88.5722,
95.3242

■ 64.8647, 63.6397,
45.6191

■ 90.7717, 97.7933,
108.6996

■ 59.8086, 56.8022,
33.8385

■ 90.7725, 97.7948,
108.6998

■ 55.4208, 50.6629,
24.2482

■ 51.6678, 45.1967,
16.7086

■ 48.5129, 40.3767,
11.0643

■ 45.9147, 36.1734,
7.1367

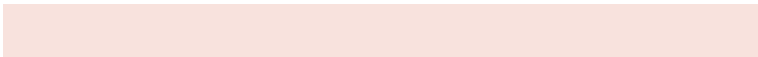
■ 43.8247, 32.5537,
4.7127

■ 42.3295, 29.7890,
3.5188

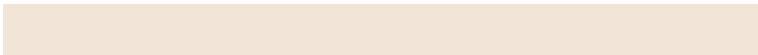
Harmonies

Analogous

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



78.8080, 79.4994, 79.6304



77.1002, 79.4994, 76.2470



75.0091, 79.4994, 75.5622

Triad

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



77.1002, 79.4994, 76.2470



71.6167, 79.4994, 88.1578



78.0769, 79.4994, 96.0555

Complementary

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



77.1002, 79.4994, 76.2470



73.0721, 78.2202, 96.0414

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.



76.1172, 79.4994, 98.5792



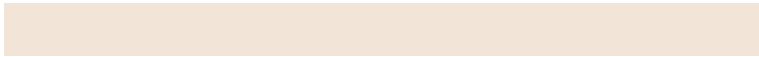
77.1002, 79.4994, 76.2470



72.4060, 79.4994, 93.8832

Square

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



77.1002, 79.4994, 76.2470



71.8688, 79.4994, 82.2584



74.0440, 79.4994, 97.7663



79.3791, 79.4994, 91.0118

Rectangle

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



77.1002, 79.4994, 76.2470



73.6835, 79.4994, 76.6971



74.0440, 79.4994, 97.7663



77.4718, 79.4994, 97.2371

Sweetspot

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



77.1024, 79.5029, 76.2487



92.5021, 96.8361, 102.0950



75.9851, 73.9540, 86.0942



19.6564, 20.5488, 21.4729



0.0000, 0.0000, 0.0000



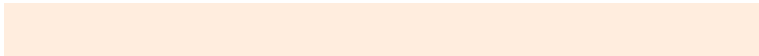
20.3446, 21.4041, 23.3091

Same Dimension

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



77.1024, 79.5029, 76.2487



84.5701, 86.8566, 81.3096



80.8721, 87.0424, 77.5053



17.1056, 17.6954, 17.3115



23.3615, 16.6086, 1.9745



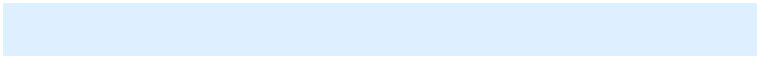
2.1541, 1.6613, 0.2071

Inverse Universe

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



73.0721, 78.2202, 96.0414



79.3652, 85.1998, 106.8700



69.5171, 71.1102, 94.8564



16.3444, 17.4531, 21.0499



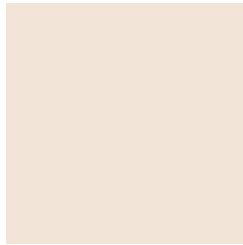
13.7674, 13.3286, 48.3851



1.3124, 1.3763, 4.2867

Previews

White Background



This preview shows how the XYZ color 77.1002, 79.4994, 76.2470 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 77.1002, 79.4994, 76.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

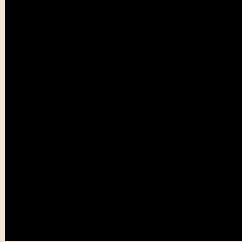
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

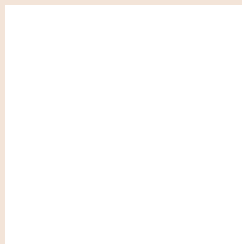
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1002, 79.4994, 76.2470

Background



This preview shows how black text looks on a background with the XYZ color 77.1002, 79.4994, 76.2470.



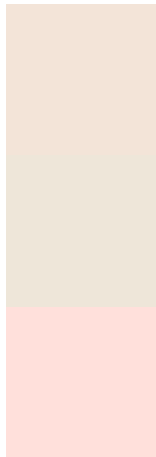
This preview shows how white text looks on a background with the XYZ color 77.1002, 79.4994,

76.2470.

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

77.1002, 79.4994, 76.2470

Protanopia

76.0811, 79.7805, 77.0349

Deuteranopia

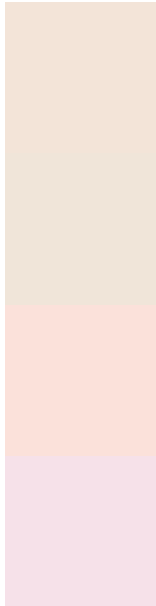
80.6818, 79.6858, 78.1463



Tritanopia

81.0404, 79.4963, 95.0774

Trichromacy



Original Color

77.1002, 79.4994, 76.2470

Protanomaly

76.4789, 79.5736, 76.9740

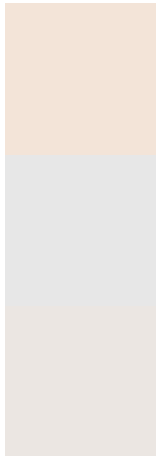
Deuteranomaly

79.3638, 79.4216, 77.4767

Tritanomaly

79.6392, 79.3264, 88.2049

Monochromacy



Original Color

77.1002, 79.4994, 76.2470

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 77.1002, 79.4994, 76.2470 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(243, 228, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 228, 216)  
}
```

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(243, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 228, 216) }
```

Border

The CSS property to change the border of an element to XYZ 77.1002, 79.4994, 76.2470 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(243, 228, 216) }
```


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

```
.border{ border-color:rgb(243, 228, 216) }
```

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

Here you see how a box with a 4 pixel rgb(243, 228, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 228,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1002, 79.4994, 76.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 228, 216) }
```

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

```
.background{ background-color: rgb(243,  
228, 216) }
```

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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