

Converting Colors

XYZ(70.9946, 75.0047, 63.5589)

Have a look what the booklet for
XYZ(70.9946, 75.0047, 63.5589)
contains.

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Color

**XYZ(70.9946, 75.0047,
63.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0C5
RGB	235, 224, 197
RGB Percent	92%, 88%, 77%
CMY	0.0784, 0.1215, 0.2274
CMYK	0.00, 0.05, 0.16, 0.08
HSL	43°, 49%, 85%
HSV	43°, 16%, 92%
XYZ	70.9946, 75.0047, 63.5589
YIQ	224.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

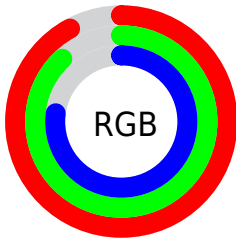
Format	Color
R_{YB}	212, 235, 197
Decimal	15458501
CIE _{Lab}	89.40, -0.63, 14.57
CIE _{LCh}	89, 14.581, 92.467
Yxy	75.0047, 0.3388, 0.3579
Android (android.graphics.Color)	4293648581 (0xFFEBE0C5)
YUV	224.2110, -13.4150, 9.4620
Hunter-Lab	86.6053, -5.2339, 17.1112

Details

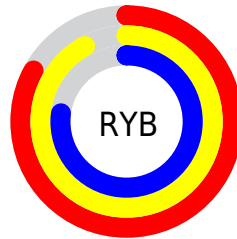
The XYZ color **70.9946, 75.0047, 63.5589** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.5769, 62.9788, 87.5610**, and the grayscale version is **71.0894, 74.7916, 81.4480**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **37.7363, 39.9428, 31.7074** is the 20% darker color. If you saturate the color by 10%, you get **66.7187, 70.4310, 49.8683**, and if you desaturate by 10%, it is **75.7675, 79.8992, 79.4879**.

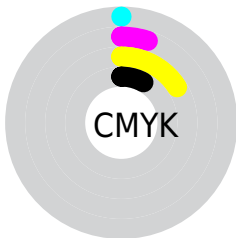
Distribution



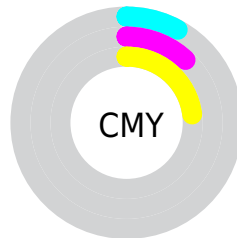
- Red (92%)
- Green (88%)
- Blue (77%)



- Red (83%)
- Yellow (92%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9946, 75.0047, 63.5589 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 70.9946, 75.0047, 63.5589 by changing the saturation by 10% instead.

70.9946, 75.0047,
63.5589

70.9946, 75.0047,
63.5589

453.2467,
477.9337, 455.7587

52.6203, 55.6167,
45.8496

119.6446,
126.3190, 111.5688

37.7260, 39.8957,
31.7793

150.6510,
159.0142, 142.7065

25.9464, 27.4573,
20.9296

186.5988,
196.9138, 179.1573

16.9160, 17.9169,
12.8818

227.8534,
240.4024, 221.3399

10.2695, 10.8904,
7.2174

274.7802,
289.8643, 269.6728

5.6417, 5.9932,
3.5180

327.7444,

2.6670, 2.8409,

345.6839, 324.5746

1.3648

387.1114,
408.2456, 386.4637

■ 0.9802, 1.0493,
0.1140

■ 0.0000, 0.0000,
0.0000

■ 70.9946, 75.0047,
63.5589

■ 70.9946, 75.0047,
63.5589

■ 66.7187, 70.4310,
49.8683

■ 75.7675, 79.8992,
79.4879

■ 62.9134, 66.1586,
38.3089

■ 81.0502, 85.1133,
97.7462

■ 59.5591, 62.1808,
28.7718

■ 84.7837, 89.8274,
107.4776

■ 56.6320, 58.4868,
21.1366

■ 86.8721, 94.0042,
108.1737

■ 54.1059, 55.0645,
15.2700

■ 88.0711, 96.4023,
108.5734

■ 51.9515, 51.9008,
11.0213

■ 50.1343, 48.9806,
8.2143

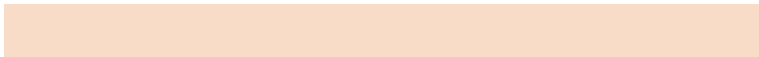
■ 48.6120, 46.2852,
6.6303

■ 48.0807, 45.3015,
6.2099

Harmonies

Analogous

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



74.5101, 75.0047, 65.4456



70.9946, 75.0047, 63.5589



67.6679, 75.0047, 66.1785

Triad

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



70.9946, 75.0047, 63.5589



65.6537, 75.0047, 92.6819



77.5516, 75.0047, 91.0961

Complementary

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



70.9946, 75.0047, 63.5589



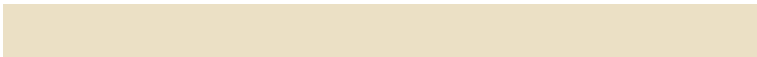
60.5769, 62.9788, 87.5610

Split Complementary

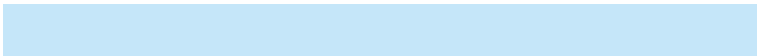
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0385, 75.0047, 99.4020



70.9946, 75.0047, 63.5589



68.1635, 75.0047, 100.3699

Square

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



70.9946, 75.0047, 63.5589



64.6492, 75.0047, 82.5167



71.5857, 75.0047, 102.9249



78.3700, 75.0047, 80.8239

Rectangle

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



70.9946, 75.0047, 63.5589



65.9836, 75.0047, 70.2667



71.5857, 75.0047, 102.9249



76.8730, 75.0047, 94.2390

Sweetspot

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



70.9966, 75.0080, 63.5605



91.8990, 96.8746, 98.0565



65.6624, 62.1694, 68.4729



19.5781, 20.6428, 20.6742



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.



70.9966, 75.0080, 63.5605



83.8973, 88.6426, 71.4313



71.5919, 79.8444, 64.4626



15.9624, 16.8478, 15.9294



26.8739, 25.4421, 3.4944



2.1922, 2.1617, 0.3017

Inverse Universe

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



60.5769, 62.9788, 87.5610



69.3993, 71.9061, 104.8293



60.0292, 58.8541, 86.7938



14.5862, 15.2589, 19.0987



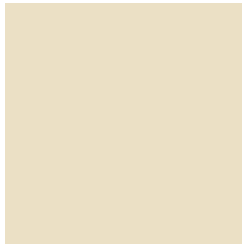
9.5909, 5.8288, 44.3625



0.8332, 0.6179, 3.5102

Previews

White Background



This preview shows how the XYZ color 70.9946, 75.0047, 63.5589 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 70.9946, 75.0047, 63.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

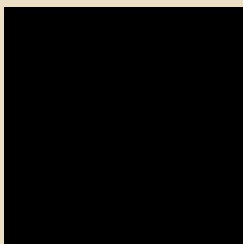
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

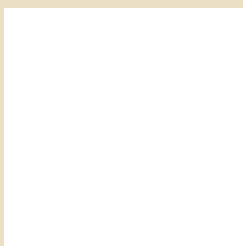
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9946, 75.0047, 63.5589

Background



This preview shows how black text looks on a background with the XYZ color 70.9946, 75.0047, 63.5589.

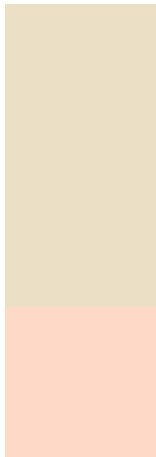


This preview shows how white text looks on a background with the XYZ color 70.9946, 75.0047,

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

70.9946, 75.0047, 63.5589

Protanopia

70.9946, 75.0047, 63.5589

Deuteranopia

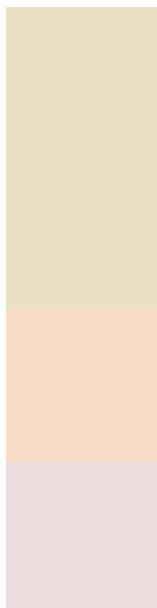
76.3617, 75.0092, 64.4864



Tritanopia

76.1469, 74.7242, 89.7667

Trichromacy



Original Color

70.9946, 75.0047, 63.5589

Protanomaly

70.9946, 75.0047, 63.5589

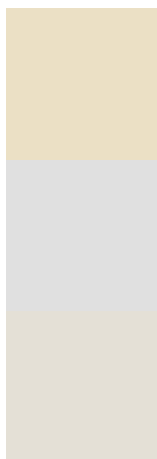
Deuteranomaly

74.4976, 75.2201, 64.0186

Tritanomaly

74.0379, 74.6375, 79.6115

Monochromacy



Original Color

70.9946, 75.0047, 63.5589

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7882, 74.6603, 74.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9946, 75.0047, 63.5589 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(235, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 197)  
}
```

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(235, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 197) }
```

Border

The CSS property to change the border of an element to XYZ 70.9946, 75.0047, 63.5589 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(235, 224, 197) }
```


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

```
.border{ border-color:rgb(235, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 224, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 224, 197); box-shadow:4px 4px 4px 4px rgb(235, 224, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9946, 75.0047, 63.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 197) }
```

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

```
.background{ background-color: rgb(235,  
224, 197) }
```

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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