

Converting Colors

XYZ(67.1179, 69.2617, 50.2459)

Have a look what the booklet for
XYZ(67.1179, 69.2617, 50.2459)
contains.

XYZ(67.3810, 69.5390, 50.4284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.3810, 69.5390,
50.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6AF
RGB	239, 214, 175
RGB Percent	94%, 84%, 69%
CMY	0.0627, 0.1608, 0.3137
CMYK	0.00, 0.10, 0.27, 0.06
HSL	37°, 67%, 81%
HSV	37°, 27%, 94%
XYZ	67.3810, 69.5390, 50.4284
YIQ	217.0290, 27.4190, -6.8290

Conversions

Conversions Part 2

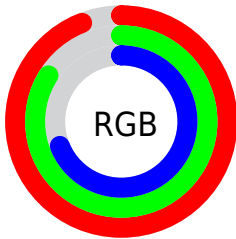
Format	Color
R _Y B	216, 239, 175
Decimal	15718063
CIE Lab	86.77, 2.86, 22.45
CIE LCh	87, 22.631, 82.752
Yxy	69.5390, 0.3597, 0.3712
Android (android.graphics.Color)	4293908143 (0xFFEFD6AF)
YUV	217.0290, -20.7203, 19.2686
Hunter-Lab	83.3900, -1.7006, 22.5186

Details

The XYZ color **67.3810, 69.5390, 50.4284** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9129, 56.6528, 89.7551**, and the grayscale version is **66.0991, 69.5414, 75.7306**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **35.2024, 36.1465, 23.5340** is the 20% darker color. If you saturate the color by 10%, you get **62.9438, 64.0943, 38.3754**, and if you desaturate by 10%, it is **72.3727, 75.4270, 64.7174**.

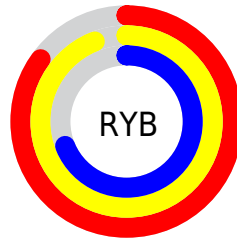
Distribution



Red (94%)

Green (84%)

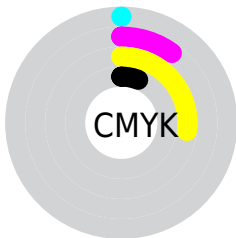
Blue (69%)



Red (85%)

Yellow (94%)

Blue (69%)

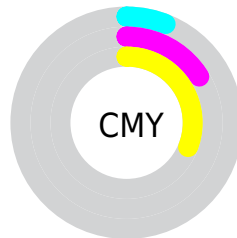


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3810, 69.5390, 50.4284 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 67.3810, 69.5390, 50.4284 by changing the saturation by 10% instead.


 67.3810, 69.5390,
50.4284

 67.3810, 69.5390,
50.4284


440.7109,
458.9297, 405.1219

 49.6662, 51.1508,
35.3803


 114.5130,
118.5511, 92.2121

 35.3649, 36.3286,
23.6701


144.6608,
149.9438, 119.7849

 24.1119, 24.6881,
14.8792


179.6836,
186.4401, 152.3696

 15.5419, 15.8448,
8.5889

219.9469,
228.4244, 190.3848

 9.2893, 9.4144,
4.3809

265.8159,
276.2811, 234.2492

 4.9890, 5.0125,
1.8366

317.6560,

 2.2755, 2.2546,

330.3947, 284.3811

0.4519

375.8326,
391.1494, 341.1991

■ 0.7821, 0.7495,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3810, 69.5390,
50.4284

■ 67.3810, 69.5390,
50.4284

■ 62.9438, 64.0943,
38.3754

■ 72.3727, 75.4270,
64.7174

■ 59.0315, 59.0702,
28.4380

■ 77.9360, 81.7612,
81.3458

■ 55.6198, 54.4556,
20.4910

■ 84.0937, 88.5568,
100.4156

■ 52.6797, 50.2352,
14.3939

■ 88.2508, 94.7790,
108.2506

■ 50.1787, 46.3922,
9.9877

■ 89.4067, 97.0908,
108.6359

■ 48.0792, 42.9073,
7.0862

■ 46.3339, 39.7576,
5.4531

■ 45.8233, 38.8039,
5.0748

Harmonies

Analogous

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



72.4177, 69.5390, 54.8902



67.3810, 69.5390, 50.4284



62.2538, 69.5390, 51.9892

Triad

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



67.3810, 69.5390, 50.4284



57.1860, 69.5390, 87.4999



74.4910, 69.5390, 94.6685

Complementary

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



67.3810, 69.5390, 50.4284



53.9129, 56.6528, 89.7551

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.



70.0905, 69.5390, 105.7456



67.3810, 69.5390, 50.4284



60.1510, 69.5390, 101.2381

Square

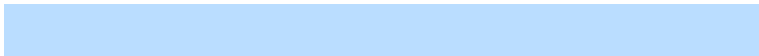
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3810, 69.5390, 50.4284



56.5462, 69.5390, 72.1147



64.8249, 69.5390, 108.2970



76.6619, 69.5390, 79.4356

Rectangle

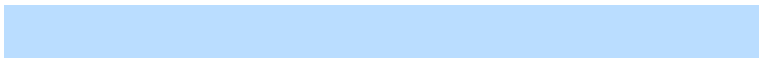
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3810, 69.5390, 50.4284



59.4538, 69.5390, 56.3482



64.8249, 69.5390, 108.2970



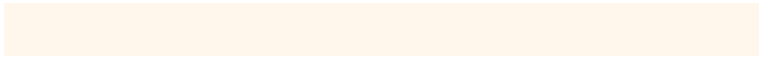
73.2127, 69.5390, 99.0800

Sweetspot

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



67.3828, 69.5422, 50.4298



89.4485, 93.7767, 91.6809



61.4227, 53.2097, 62.0458



18.9308, 19.8298, 18.9741



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.



67.3828, 69.5422, 50.4298



75.2445, 77.1384, 50.6618



72.0786, 82.0848, 52.6033



16.5746, 17.3623, 16.6274



25.4542, 21.7065, 2.8482



2.2140, 1.9986, 0.2691

Inverse Universe

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



53.9129, 56.6528, 89.7551



57.2677, 59.9411, 103.1592



50.0607, 46.7650, 88.0496



15.4036, 16.2412, 20.0446



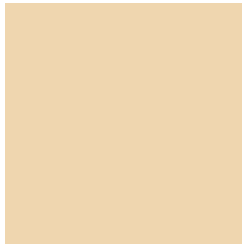
10.9081, 8.0405, 46.1049



1.0014, 0.8569, 3.8668

Previews

White Background



This preview shows how the XYZ color 67.3810, 69.5390, 50.4284 looks on a white background.

Color Contrast Check

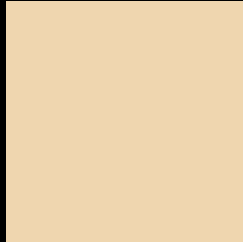
Large Text (above 18pt) WCAG AA × Fail

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 67.3810, 69.5390, 50.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

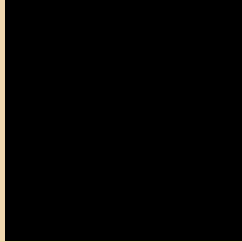
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3810, 69.5390, 50.4284

Background



This preview shows how black text looks on a background with the XYZ color 67.3810, 69.5390, 50.4284.



This preview shows how white text looks on a background with the XYZ color 67.3810, 69.5390,

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

67.3810, 69.5390, 50.4284

Protanopia

65.2825, 69.5833, 51.0645

Deuteranopia

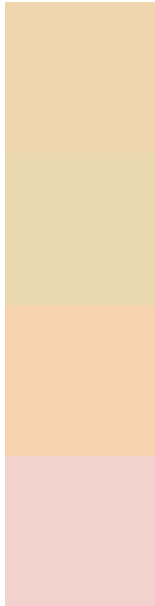
71.1450, 69.6182, 50.7622



Tritanopia

73.2883, 69.3658, 79.3383

Trichromacy



Original Color

67.3810, 69.5390, 50.4284

Protanomaly

65.9966, 69.5700, 51.0242

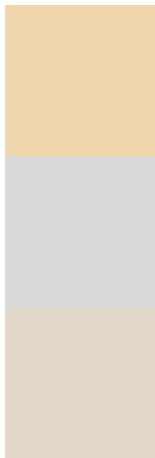
Deuteranomaly

69.8421, 69.6796, 50.8427

Tritanomaly

71.1493, 69.6041, 68.0775

Monochromacy



Original Color

67.3810, 69.5390, 50.4284

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2679, 69.3836, 65.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3810, 69.5390, 50.4284 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(239, 214, 175)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 175)  
}
```

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(239, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 175) }
```

Border

The CSS property to change the border of an element to XYZ 67.3810, 69.5390, 50.4284 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(239, 214, 175) }
```


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

```
.border{ border-color:rgb(239, 214, 175) }
```

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

Here you see how a box with a 4 pixel rgb(239, 214, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3810, 69.5390, 50.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 175) }
```

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

```
.background{ background-color: rgb(239,  
214, 175) }
```

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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