

Converting Colors

XYZ(67.1903, 70.7627, 55.0135)

Have a look what the booklet for
XYZ(67.1903, 70.7627, 55.0135)
contains.

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Color

**XYZ(67.2229, 70.8853,
54.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DAB7
RGB	233, 218, 183
RGB Percent	91%, 85%, 72%
CMY	0.0863, 0.1451, 0.2823
CMYK	0.00, 0.06, 0.21, 0.09
HSL	42°, 53%, 82%
HSV	42°, 21%, 91%
XYZ	67.2229, 70.8853, 54.9390
YIQ	218.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

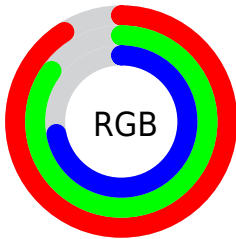
Format	Color
RYB	204, 233, 183
Decimal	15325879
CIELab	87.43, -0.33, 19.10
CIElCh	87, 19.107, 91.003
Yxy	70.8853, 0.3482, 0.3672
Android (android.graphics.Color)	4293515959 (0xFFE9DAB7)
YUV	218.4950, -17.4990, 12.7209
Hunter-Lab	84.1934, -4.8180, 20.2467

Details

The XYZ color **67.2229, 70.8853, 54.9390** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4303, 56.3374, 85.0966**, and the grayscale version is **67.0913, 70.5852, 76.8673**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **35.2579, 37.1532, 26.4321** is the 20% darker color. If you saturate the color by 10%, you get **63.2223, 66.4488, 42.6148**, and if you desaturate by 10%, it is **71.7052, 75.6416, 69.4060**.

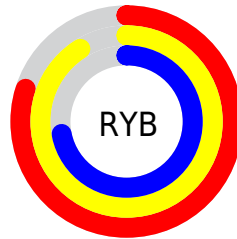
Distribution



Red (91%)

Green (85%)

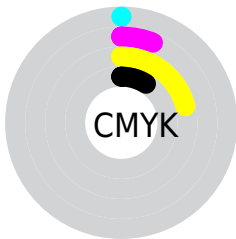
Blue (72%)



Red (80%)

Yellow (91%)

Blue (72%)

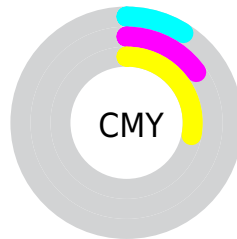


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2229, 70.8853, 54.9390 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 67.2229, 70.8853, 54.9390 by changing the saturation by 10% instead.


 67.2229, 70.8853,
54.9390

 67.2229, 70.8853,
54.9390


440.1578,
463.6524, 422.9561

 49.5372, 52.2486,
38.9546


 114.2878,
120.4704, 98.9218

 35.2621, 37.2033,
26.4169


144.3976,
152.1876, 127.7574

 24.0323, 25.3649,
16.9072


179.3796,
189.0337, 161.7137

 15.4824, 16.3491,
10.0071

219.5989,
231.3932, 201.2093

 9.2472, 9.7715,
5.2980

265.4211,
279.6504, 246.6629

 4.9612, 5.2477,
2.3614

317.2113,

 2.2590, 2.3933,

334.1897, 298.4928

0.7653

375.3351,
395.3956, 357.1177

■ 0.7736, 0.8225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2229, 70.8853,
54.9390

■ 67.2229, 70.8853,
54.9390

■ 63.2223, 66.4488,
42.6148

■ 71.7052, 75.6416,
69.4060

■ 59.6770, 62.3128,
32.3248

■ 76.6829, 80.7172,
86.1086

■ 56.5667, 58.4700,
23.9573

■ 82.1759, 86.1242,
105.1392

■ 53.8668, 54.9091,
17.3881

■ 84.5971, 90.4290,
107.6035

■ 51.5499, 51.6176,
12.4784

■ 86.7622, 94.7593,
108.3253

■ 49.5850, 48.5813,
9.0687

■ 87.4144, 96.0637,
108.5427

■ 47.9348, 45.7838,
6.9680

■ 46.7234, 43.5617,
5.9457

Harmonies

Analogous

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



71.6616, 70.8853, 57.4528



67.2229, 70.8853, 54.9390



63.0102, 70.8853, 57.8100

Triad

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



67.2229, 70.8853, 54.9390



60.2186, 70.8853, 90.6790



75.2387, 70.8853, 89.8444

Complementary

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



67.2229, 70.8853, 54.9390



54.4303, 56.3374, 85.0966

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.



71.9355, 70.8853, 100.4600



67.2229, 70.8853, 54.9390



63.2616, 70.8853, 100.9784

Square

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



67.2229, 70.8853, 54.9390



59.0788, 70.8853, 77.6169



67.5260, 70.8853, 104.7399



76.4122, 70.8853, 76.7488

Rectangle

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



67.2229, 70.8853, 54.9390



60.8637, 70.8853, 62.5989



67.5260, 70.8853, 104.7399



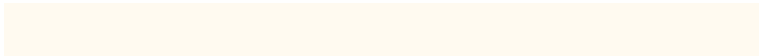
74.3335, 70.8853, 93.8706

Sweetspot

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



67.2248, 70.8885, 54.9405



91.2372, 96.1607, 95.9568



60.7315, 55.2688, 60.8940



19.4426, 20.4948, 20.2504



0.0000, 0.0000, 0.0000



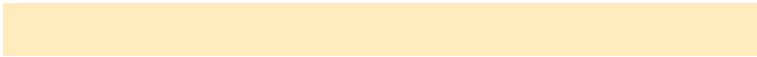
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2248, 70.8885, 54.9405



80.1344, 84.4044, 60.0417



68.1182, 77.3852, 56.1474



15.9485, 16.8199, 15.9247



26.6252, 24.9447, 3.4115



2.1742, 2.1257, 0.2957

Inverse Universe

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



54.4303, 56.3374, 85.0966



61.6604, 63.3974, 103.5948



53.6347, 51.0886, 84.1254



14.5995, 15.2854, 19.1031



9.6787, 6.0044, 44.3918



0.8415, 0.6345, 3.5130

Previews

White Background



This preview shows how the XYZ color 67.2229, 70.8853, 54.9390 looks on a white background.

Color Contrast Check

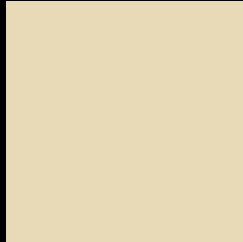
Large Text (above 18pt) WCAG AA × Fail

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 67.2229, 70.8853, 54.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

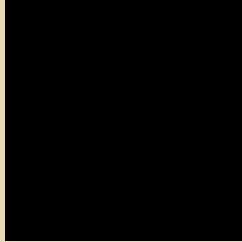
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

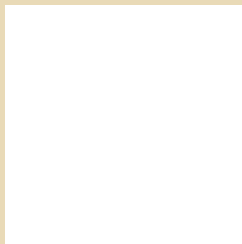
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2229, 70.8853, 54.9390

Background



This preview shows how black text looks on a background with the XYZ color 67.2229, 70.8853, 54.9390.

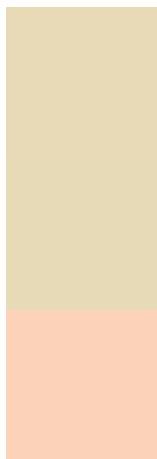


This preview shows how white text looks on a background with the XYZ color 67.2229, 70.8853,

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

67.2229, 70.8853, 54.9390

Protanopia

66.8338, 71.0709, 54.9953

Deuteranopia

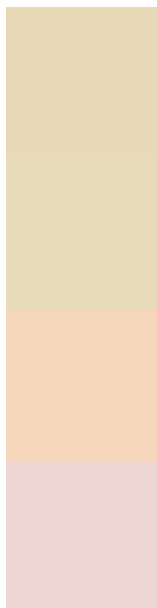
72.0909, 70.7447, 55.2029



Tritanopia

73.1437, 71.0391, 83.2556

Trichromacy



Original Color

67.2229, 70.8853, 54.9390

Protanomaly

67.1575, 71.2377, 55.0104

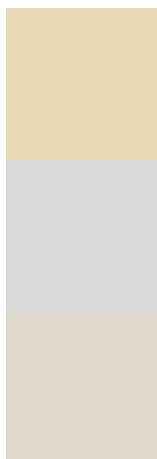
Deuteranomaly

70.3545, 70.9663, 55.3372

Tritanomaly

70.8553, 70.8511, 72.2285

Monochromacy



Original Color

67.2229, 70.8853, 54.9390

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5223, 70.2386, 67.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2229, 70.8853, 54.9390 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(233, 218, 183)` looks like.

```
.text, #text, p{  
    color:rgb(233, 218, 183)  
}
```

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(233, 218, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 183) }
```

Border

The CSS property to change the border of an element to XYZ 67.2229, 70.8853, 54.9390 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(233, 218, 183) }
```


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

```
.border{ border-color:rgb(233, 218, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 218, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 218, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 218, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 218,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2229, 70.8853, 54.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 183) }
```

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

```
.background{ background-color: rgb(233,  
218, 183) }
```

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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