

Converting Colors

XYZ(53.9534, 48.7586, 41.8638)

Have a look what the booklet for
XYZ(53.9534, 48.7586, 41.8638)
contains.

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Color

**XYZ(53.8969, 48.6292,
41.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ABA4
RGB	230, 171, 164
RGB Percent	90%, 67%, 64%
CMY	0.0980, 0.3294, 0.3569
CMYK	0.00, 0.26, 0.29, 0.10
HSL	6°, 57%, 77%
HSV	6°, 29%, 90%
XYZ	53.8969, 48.6292, 41.6676
YIQ	187.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

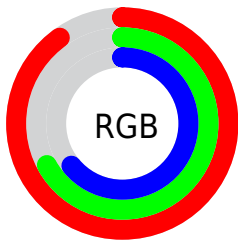
Format	Color
RYB	230, 172, 164
Decimal	15117220
CIELab	75.22, 20.66, 12.07
CIELCh	75, 23.931, 30.298
Yxy	48.6292, 0.3738, 0.3372
Android (android.graphics.Color)	4293307300 (0xFFE6ABA4)
YUV	187.8430, -11.7546, 36.9717
Hunter-Lab	69.7346, 15.9245, 13.3875

Details

The XYZ color **53.8969, 48.6292, 41.6676** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9795, 66.3788, 84.7251**, and the grayscale version is **47.7617, 50.2491, 54.7212**.

A 20% lighter version of the original color is **81.4953, 81.3126, 78.4175**, and **26.6366, 23.0110, 18.3669** is the 20% darker color. If you saturate the color by 10%, you get **48.4188, 40.7018, 30.5040**, and if you desaturate by 10%, it is **60.3572, 57.9194, 55.0128**.

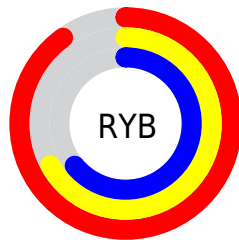
Distribution



Red (90%)

Green (67%)

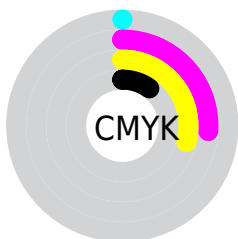
Blue (64%)



Red (90%)

Yellow (67%)

Blue (64%)

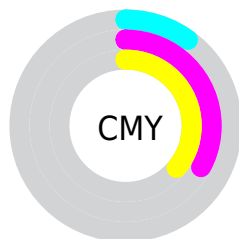


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (10%)



Cyan (10%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8969, 48.6292, 41.6676 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 53.8969, 48.6292, 41.6676 by changing the saturation by 10% instead.


 53.8969, 48.6292,
41.6676


 53.8969, 48.6292,
41.6676


391.9215,
381.2807, 368.8621

 38.7496, 34.3254,
28.5175


 95.0806, 88.1405,
78.9610

 26.7448, 23.1437,
18.4737


 121.8478,
114.1168, 103.9413

 17.5173, 14.6997,
11.1176


153.2189,
144.7527, 133.7021

 10.7016, 8.6089,
6.0309


189.5593,
180.4327, 168.6619

 5.9323, 4.4870,
2.7948

231.2344,
221.5411, 209.2392

 2.8442, 1.9495,
0.9908

278.6096,

 1.0719, 0.5779,

268.4623, 255.8527

0.0000

332.0502,
321.5807, 308.9208

■ 0.0014, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8969, 48.6292,
41.6676

■ 53.8969, 48.6292,
41.6676

■ 48.4188, 40.7018,
30.5040

■ 60.3572, 57.9194,
55.0128

■ 43.8710, 34.0666,
21.4031

■ 67.8407, 68.6251,
70.6440

■ 40.2026, 28.6569,
14.2392

■ 76.3906, 80.8047,
88.6624

■ 37.3562, 24.3975,
8.8714

■ 85.8849, 94.4463,
108.3111

■ 35.2675, 21.2046,
5.1399

■ 86.4432, 95.5630,
108.4972

■ 33.8625, 18.9832,
2.8567

■ 33.0437, 17.6178,
1.7451

■ 32.9684, 17.4934,
1.6389

Harmonies

Analogous

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



55.1839, 48.6292, 52.8235



53.8969, 48.6292, 41.6676



50.5296, 48.6292, 34.6074

Triad

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



53.8969, 48.6292, 41.6676



39.2708, 48.6292, 41.8532



46.2644, 48.6292, 80.9823

Complementary

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



53.8969, 48.6292, 41.6676



55.9795, 66.3788, 84.7251

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.



42.1638, 48.6292, 76.8399



53.8969, 48.6292, 41.6676



38.2846, 48.6292, 53.0745

Square

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



53.8969, 48.6292, 41.6676



42.0924, 48.6292, 34.7020



39.3101, 48.6292, 66.1022



50.6102, 48.6292, 76.6791

Rectangle

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



53.8969, 48.6292, 41.6676



47.6575, 48.6292, 32.5195



39.3101, 48.6292, 66.1022



44.8128, 48.6292, 80.5247

Sweetspot

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



53.8982, 48.6315, 41.6686



85.3739, 86.2117, 88.5220



59.2822, 48.7237, 76.3755



17.9611, 18.0066, 18.2923



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.



53.8982, 48.6315, 41.6686



64.1573, 55.7412, 44.5702



60.8322, 62.4995, 43.9799



14.4995, 14.6129, 14.9608



18.7070, 9.9881, 0.9419



1.4240, 0.8213, 0.0835

Inverse Universe

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



55.9795, 66.3788, 84.7251



67.1568, 81.3666, 106.7735



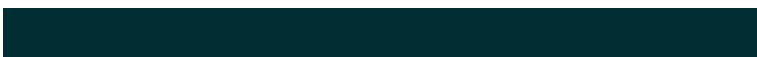
48.0934, 50.6066, 82.0964



14.6699, 16.0612, 18.4713



20.5800, 28.2221, 46.7459



1.5585, 2.1609, 3.4669

Previews

White Background



This preview shows how the XYZ color 53.8969, 48.6292, 41.6676 looks on a white background.

Color Contrast Check

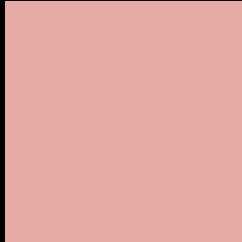
Large Text (above 18pt) WCAG AA × Fail

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 53.8969, 48.6292, 41.6676 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 53.8969, 48.6292, 41.6676

Background



This preview shows how black text looks on a background with the XYZ color 53.8969, 48.6292, 41.6676.



This preview shows how white text looks on a background with the XYZ color 53.8969, 48.6292,

41.6676.

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

53.8969, 48.6292, 41.6676

Protanopia

46.4379, 48.8447, 45.5085

Deuteranopia

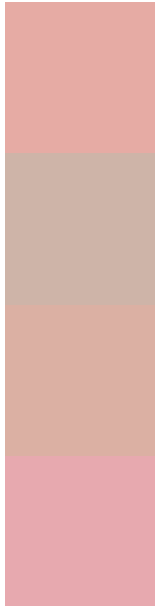
49.8823, 48.8816, 41.4563



Tritanopia

55.6218, 48.4973, 50.1454

Trichromacy



Original Color

53.8969, 48.6292, 41.6676

Protanomaly

48.8427, 48.5915, 43.8506

Deuteranomaly

51.3496, 48.7551, 41.3546

Tritanomaly

54.8808, 48.4600, 47.0186

Monochromacy



Original Color

53.8969, 48.6292, 41.6676

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4932, 49.4071, 49.5758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8969, 48.6292, 41.6676 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(230, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(230, 171, 164)  
}
```

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(230, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 171, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.8969, 48.6292, 41.6676 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(230, 171, 164) }
```


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

```
.border{ border-color:rgb(230, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 171,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8969, 48.6292, 41.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 171, 164) }
```

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

```
.background{ background-color: rgb(230,  
171, 164) }
```

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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