

Converting Colors

XYZ(51.9701, 48.0402, 30.9613)

Have a look what the booklet for
XYZ(51.9701, 48.0402, 30.9613)
contains.

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Color

**XYZ(52.0459, 48.1921,
30.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AC8B
RGB	230, 172, 139
RGB Percent	90%, 67%, 55%
CMY	0.0980, 0.3255, 0.4549
CMYK	0.00, 0.25, 0.40, 0.10
HSL	22°, 65%, 72%
HSV	22°, 40%, 90%
XYZ	52.0459, 48.1921, 30.9850
YIQ	185.5800, 45.1610, 2.0330

Conversions

Conversions Part 2

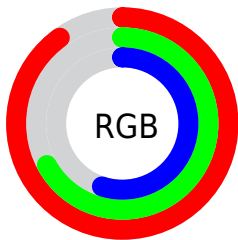
Format	Color
R _Y B	230, 191, 139
Decimal	15117451
CIE Lab	74.95, 17.05, 25.25
CIE LCh	75, 30.470, 55.972
Yxy	48.1921, 0.3966, 0.3673
Android (android.graphics.Color)	4293307531 (0xFFE6AC8B)
YUV	185.5800, -22.9639, 38.9563
Hunter-Lab	69.4205, 12.3389, 22.1310

Details

The XYZ color **52.0459, 48.1921, 30.9850** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.8960, 51.1329, 82.3664**, and the grayscale version is **46.5449, 48.9688, 53.3271**.

A 20% lighter version of the original color is **78.6090, 80.5971, 61.8657**, and **25.7532, 23.0384, 12.5407** is the 20% darker color. If you saturate the color by 10%, you get **47.9015, 42.3158, 22.1665**, and if you desaturate by 10%, it is **56.8540, 54.8299, 41.7699**.

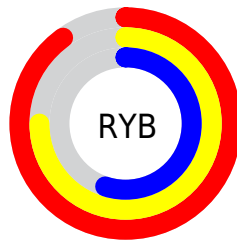
Distribution



Red (90%)

Green (67%)

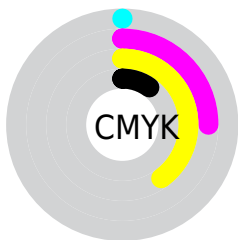
Blue (55%)



Red (90%)

Yellow (75%)

Blue (55%)

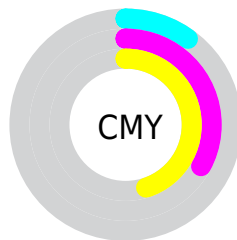


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (10%)



Cyan (10%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0459, 48.1921, 30.9850 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 52.0459, 48.1921, 30.9850 by changing the saturation by 10% instead.

 52.0459, 48.1921,
30.9850

 52.0459, 48.1921,
30.9850


384.9348,
379.5531, 320.8183


 37.2661, 33.9790,
20.3291

 92.3728, 87.4904,
62.2958

 25.5882, 22.8775,
12.4480


 118.6505,
113.3443, 83.7876

 16.6469, 14.5031,
6.9233


 149.4916,
143.8474, 109.7286

 10.0768, 8.4714,
3.3365

185.2614,
179.3840, 140.5372

 5.5126, 4.3980,
1.2689

226.3253,
220.3384, 176.6319

 2.5888, 1.8986,
0.0361

273.0486,

 0.9403, 0.5475,

267.0952, 218.4313

0.0000

325.7966,
320.0386, 266.3539

0.0000, 0.0000,
0.0000

52.0459, 48.1921,
30.9850

52.0459, 48.1921,
30.9850

47.9015, 42.3158,
22.1665

56.8540, 54.8299,
41.7699

44.3849, 37.1652,
15.1905

62.3521, 62.2495,
54.6289

41.4620, 32.7118,
9.9233

68.5694, 70.4788,
69.6653

39.0932, 28.9220,
6.2115

75.5320, 79.5423,
86.9747

37.2330, 25.7588,
3.8738

83.2650, 89.4633,
106.6469

■ 35.8134, 23.1747,
2.6143

■ 86.4432, 95.5630,
108.4972

■ 35.7586, 23.0738,
2.5690

Harmonies

Analogous

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



56.0940, 48.1921, 40.1844



52.0459, 48.1921, 30.9850



46.5595, 48.1921, 27.4917

Triad

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



52.0459, 48.1921, 30.9850



35.9553, 48.1921, 50.3536



50.6438, 48.1921, 85.0570

Complementary

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



52.0459, 48.1921, 30.9850



44.8960, 51.1329, 82.3664

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.



45.0590, 48.1921, 89.2840



52.0459, 48.1921, 30.9850



36.8582, 48.1921, 67.0416

Square

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



52.0459, 48.1921, 30.9850



37.5111, 48.1921, 37.1492



40.0843, 48.1921, 82.1265



55.2397, 48.1921, 71.5196

Rectangle

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



52.0459, 48.1921, 30.9850



42.9285, 48.1921, 28.2163



40.0843, 48.1921, 82.1265



48.8076, 48.1921, 87.7178

Sweetspot

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



52.0471, 48.1944, 30.9860



84.6001, 86.3660, 83.0172



52.0765, 39.3729, 58.3722



17.8822, 18.1881, 17.2203



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.



52.0471, 48.1944, 30.9860



61.6675, 55.1009, 30.3624



61.9392, 67.9786, 34.2833



14.8028, 15.2194, 15.0619



20.3505, 13.2751, 1.4898



1.5897, 1.1527, 0.1387

Inverse Universe

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



44.8960, 51.1329, 82.3664



51.4924, 59.2365, 103.3276



36.2649, 33.8708, 79.4894



14.3449, 15.4111, 18.3629



14.0765, 15.2150, 44.5781



1.1277, 1.2993, 3.3233

Previews

White Background



This preview shows how the XYZ color 52.0459, 48.1921, 30.9850 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 52.0459, 48.1921, 30.9850 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 52.0459, 48.1921, 30.9850

Background



This preview shows how black text looks on a background with the XYZ color 52.0459, 48.1921, 30.9850.



This preview shows how white text looks on a background with the XYZ color 52.0459, 48.1921,

30.9850.

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

52.0459, 48.1921, 30.9850

Protanopia

45.4858, 48.6126, 33.7739

Deuteranopia

49.2230, 48.1847, 30.7510



Tritanopia

55.7046, 48.0195, 48.9806

Trichromacy



Original Color

52.0459, 48.1921, 30.9850

Protanomaly

47.5737, 48.1810, 32.7791

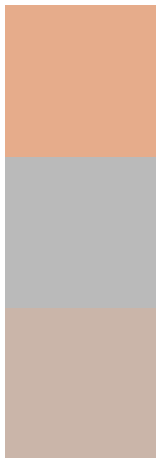
Deuteranomaly

50.0416, 48.0245, 30.6769

Tritanomaly

54.3077, 48.0092, 41.5263

Monochromacy



Original Color

52.0459, 48.1921, 30.9850

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.0424, 48.4689, 44.3594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0459, 48.1921, 30.9850 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, 172, 139)` looks like.

```
.text, #text, p{  
    color:rgb(230, 172, 139)  
}
```

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, 172, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 172, 139) }
```

Border

The CSS property to change the border of an element to XYZ 52.0459, 48.1921, 30.9850 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, 172, 139) }
```


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

```
.border{ border-color:rgb(230, 172, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 172, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 172, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 172, 139);  
box-shadow:4px 4px 4px 4px rgb(230, 172,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0459, 48.1921, 30.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 172, 139) }
```

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

```
.background{ background-color: rgb(230,  
172, 139) }
```

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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