

Converting Colors

XYZ(48.9309, 44.7293, 30.7842)

Have a look what the booklet for
XYZ(48.9309, 44.7293, 30.7842)
contains.

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Color

**XYZ(48.9292, 44.6510,
30.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A58C
RGB	224, 165, 140
RGB Percent	88%, 65%, 55%
CMY	0.1216, 0.3529, 0.4510
CMYK	0.00, 0.26, 0.37, 0.12
HSL	18°, 58%, 71%
HSV	18°, 37%, 88%
XYZ	48.9292, 44.6510, 30.8506
YIQ	179.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

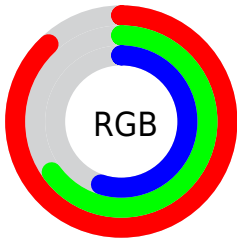
Format	Color
R_{YB}	224, 176, 140
Decimal	14722444
CIE _{Lab}	72.66, 18.56, 21.50
CIE _{LCh}	73, 28.408, 49.198
Yxy	44.6510, 0.3932, 0.3588
Android (android.graphics.Color)	4292912524 (0xFFE0A58C)
YUV	179.7910, -19.6170, 38.7713
Hunter-Lab	66.8214, 13.7671, 19.4015

Details

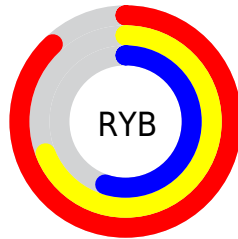
The XYZ color **48.9292, 44.6510, 30.8506** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6924, 51.8021, 78.1642**, and the grayscale version is **43.3569, 45.6149, 49.6746**.

A 20% lighter version of the original color is **76.5708, 76.3414, 61.7386**, and **23.6869, 20.7639, 12.4323** is the 20% darker color. If you saturate the color by 10%, you get **44.7776, 38.7275, 22.1307**, and if you desaturate by 10%, it is **53.7684, 51.4114, 41.4593**.

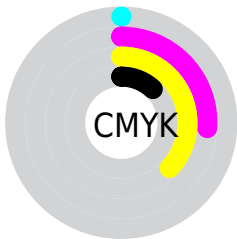
Distribution



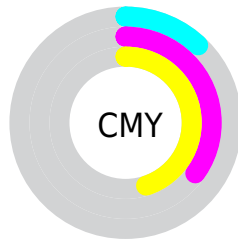
- Red (88%)
- Green (65%)
- Blue (55%)



- Red (88%)
- Yellow (69%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9292, 44.6510, 30.8506 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 48.9292, 44.6510, 30.8506 by changing the saturation by 10% instead.


 48.9292, 44.6510,
30.8506


 48.9292, 44.6510,
30.8506


372.9851,
365.3583, 320.1793


 34.7776, 31.1826,
20.2276


 87.7876, 82.1965,
62.0816

 23.6573, 20.7379,
12.3749


 113.2252,
107.0423, 83.5267

 15.2030, 12.9326,
6.8739


 143.1555,
136.4495, 109.4162

 9.0492, 7.3821,
3.3061

177.9439,
170.8023, 140.1687

 4.8307, 3.7022,
1.2530

217.9557,
210.4852, 176.2027

 2.1820, 1.5084,
0.0228

263.5562,

 0.7332, 0.2946,

255.8825, 217.9368

0.0000

315.1109,
307.3788, 265.7895

0.0000, 0.0000,
0.0000

48.9292, 44.6510,
30.8506

48.9292, 44.6510,
30.8506

44.7776, 38.7275,
22.1307

53.7684, 51.4114,
41.4593

41.2771, 33.6010,
15.1846

59.3225, 59.0338,
54.0571

38.3925, 29.2378,
9.8888

65.6216, 67.5501,
68.7405

36.0839, 25.5991,
6.1025

72.6927, 76.9885,
85.5987

34.3055, 22.6420,
3.6609

80.5616, 87.3762,
104.7158

■ 32.9999, 20.3170,
2.3431

■ 84.5504, 94.5873,
108.4086

■ 32.7286, 19.8236,
2.1013

Harmonies

Analogous

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



52.0196, 44.6510, 40.2380



48.9292, 44.6510, 30.8506



44.2381, 44.6510, 26.5570

Triad

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



48.9292, 44.6510, 30.8506



33.8051, 44.6510, 43.7121



45.6283, 44.6510, 78.9706

Complementary

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



48.9292, 44.6510, 30.8506



44.6924, 51.8021, 78.1642

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.



40.6902, 44.6510, 80.3982



48.9292, 44.6510, 30.8506



34.1142, 44.6510, 58.0860

Square

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



48.9292, 44.6510, 30.8506



35.6708, 44.6510, 32.9693



36.5505, 44.6510, 72.1568



50.0143, 44.6510, 68.5672

Rectangle

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



48.9292, 44.6510, 30.8506



40.9446, 44.6510, 26.4691



36.5505, 44.6510, 72.1568



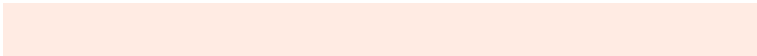
43.9703, 44.6510, 80.5827

Sweetspot

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



48.9303, 44.6531, 30.8515



84.8925, 86.3918, 84.8378



50.5675, 38.7834, 59.5871



17.9213, 18.1549, 17.5770



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.



48.9303, 44.6531, 30.8515



61.2072, 53.5910, 32.0258



57.4974, 61.7872, 33.7072



14.0381, 14.3622, 14.3391



19.1380, 11.7140, 1.2523



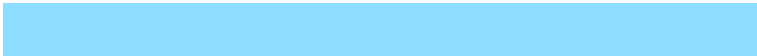
1.4030, 0.9649, 0.1123

Inverse Universe

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



44.6924, 51.8021, 78.1642



54.7220, 64.4465, 104.1630



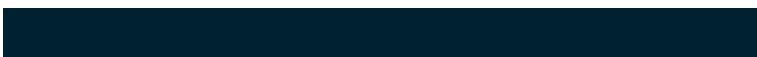
36.5312, 35.4798, 75.4438



13.7541, 14.8473, 17.5286



14.9859, 17.4413, 43.6250



1.1157, 1.3628, 3.0495

Previews

White Background



This preview shows how the XYZ color 48.9292, 44.6510, 30.8506 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 48.9292, 44.6510, 30.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

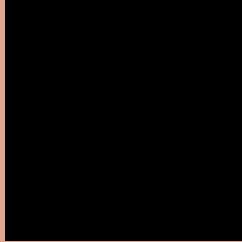
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9292, 44.6510, 30.8506

Background



This preview shows how black text looks on a background with the XYZ color 48.9292, 44.6510, 30.8506.



This preview shows how white text looks on a background with the XYZ color 48.9292, 44.6510,

30.8506.

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

48.9292, 44.6510, 30.8506

Protanopia

42.0950, 44.7349, 33.6102

Deuteranopia

45.5176, 44.5452, 30.6251



Tritanopia

51.7922, 44.4896, 45.3928

Trichromacy



Original Color

48.9292, 44.6510, 30.8506

Protanomaly

44.3347, 44.4573, 32.6300

Deuteranomaly

46.5797, 44.5362, 30.5674

Tritanomaly

50.7174, 44.5826, 39.6504

Monochromacy



Original Color

48.9292, 44.6510, 30.8506

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8865, 45.1123, 41.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9292, 44.6510, 30.8506 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(224, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 140)  
}
```

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(224, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 140) }
```

Border

The CSS property to change the border of an element to XYZ 48.9292, 44.6510, 30.8506 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(224, 165, 140) }
```


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

```
.border{ border-color:rgb(224, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9292, 44.6510, 30.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 140) }
```

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

```
.background{ background-color: rgb(224,  
165, 140) }
```

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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