

Converting Colors

XYZ(50.6212, 46.8712, 31.9702)

Have a look what the booklet for
XYZ(50.6212, 46.8712, 31.9702)
contains.

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Color

**XYZ(50.6212, 46.8712,
31.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AA8E
RGB	226, 170, 142
RGB Percent	89%, 67%, 56%
CMY	0.1137, 0.3333, 0.4431
CMYK	0.00, 0.25, 0.37, 0.11
HSL	20°, 59%, 72%
HSV	20°, 37%, 89%
XYZ	50.6212, 46.8712, 31.9702
YIQ	183.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

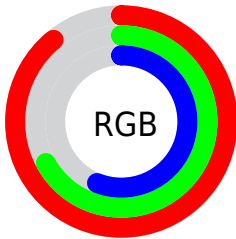
Format	Color
RYB	226, 184, 142
Decimal	14854798
CIELab	74.11, 16.90, 22.43
CIELCh	74, 28.081, 53.002
Yxy	46.8712, 0.3910, 0.3620
Android (android.graphics.Color)	4293044878 (0xFFE2AA8E)
YUV	183.5520, -20.4851, 37.2269
Hunter-Lab	68.4625, 12.1734, 20.2369

Details

The XYZ color **50.6212, 46.8712, 31.9702** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.0760, 51.6279, 79.5408**, and the grayscale version is **45.4069, 47.7716, 52.0233**.

A 20% lighter version of the original color is **78.1290, 79.0959, 63.3738**, and **24.7724, 22.1646, 13.0978** is the 20% darker color. If you saturate the color by 10%, you get **46.4294, 40.9332, 23.0332**, and if you desaturate by 10%, it is **55.4831, 53.5986, 42.8287**.

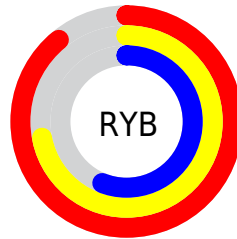
Distribution



Red (89%)

Green (67%)

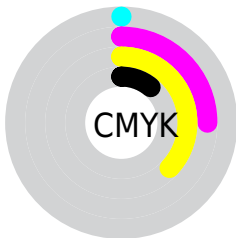
Blue (56%)



Red (89%)

Yellow (72%)

Blue (56%)

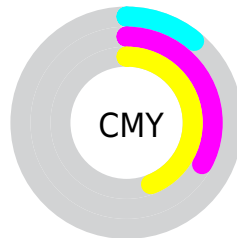


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6212, 46.8712, 31.9702 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 50.6212, 46.8712, 31.9702 by changing the saturation by 10% instead.


 50.6212, 46.8712,
31.9702


 50.6212, 46.8712,
31.9702


379.5022,
374.3002, 325.4720


 36.1270, 32.9338,
21.0741


 90.2809, 85.5213,
63.8617

 24.7029, 22.0758,
12.9864


 116.1772,
111.0029, 85.6943

 15.9834, 13.9126,
7.2886


 146.6049,
141.1013, 112.0093

 9.6032, 8.0599,
3.5620

181.9294,
176.2010, 143.2255

 5.1969, 4.1333,
1.3883

222.5160,
216.6863, 179.7613

 2.3992, 1.7484,
0.1326

268.7301,

 0.8447, 0.4547,

262.9417, 222.0353

0.0000

320.9371,
315.3515, 270.4660

■ 0.0000, 0.0000,
0.0000

■ 50.6212, 46.8712,
31.9702

■ 50.6212, 46.8712,
31.9702

■ 46.4294, 40.9332,
23.0332

■ 55.4831, 53.5986,
42.8287

■ 42.8723, 35.7478,
15.9012

■ 61.0411, 61.1370,
55.7102

■ 39.9164, 31.2850,
10.4490

■ 67.3240, 69.5157,
70.7126

■ 37.5233, 27.5099,
6.5342

■ 74.3578, 78.7602,
87.9263

■ 35.6492, 24.3842,
3.9902

■ 82.1670, 88.8949,
107.4355

■ 34.2395, 21.8637,
2.5993

■ 85.1740, 94.9087,
108.4378

■ 33.9036, 21.2480,
2.3144

Harmonies

Analogous

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



54.0492, 46.8712, 40.9667



50.6212, 46.8712, 31.9702



45.7373, 46.8712, 28.2006

Triad

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



50.6212, 46.8712, 31.9702



35.6307, 46.8712, 47.7370



48.4332, 46.8712, 80.9809

Complementary

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



50.6212, 46.8712, 31.9702



45.0760, 51.6279, 79.5408

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.



43.3828, 46.8712, 83.7243



50.6212, 46.8712, 31.9702



36.2340, 46.8712, 62.6304

Square

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



50.6212, 46.8712, 31.9702



37.2695, 46.8712, 36.1272



38.9841, 46.8712, 76.4803



52.7211, 46.8712, 69.5652

Rectangle

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



50.6212, 46.8712, 31.9702



42.4108, 46.8712, 28.5409



38.9841, 46.8712, 76.4803



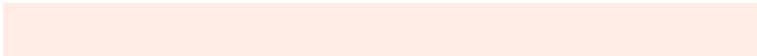
46.7592, 46.8712, 83.0260

Sweetspot

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



50.6224, 46.8734, 31.9711



85.1806, 86.9681, 84.9339



51.2303, 39.5924, 58.3683



17.9897, 18.2916, 17.5998



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.



50.6224, 46.8734, 31.9711



62.0135, 55.2037, 32.2946



59.7901, 65.2088, 35.0270



14.0787, 14.4434, 14.3526



19.4398, 12.3174, 1.3529



1.4278, 1.0145, 0.1206

Inverse Universe

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



45.0760, 51.6279, 79.5408



53.6541, 62.3106, 103.8070



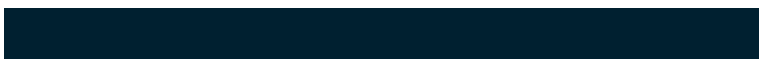
36.7717, 35.0192, 76.7727



13.7115, 14.7621, 17.5144



14.2266, 15.9228, 43.3719



1.0674, 1.2662, 3.0334

Previews

White Background



This preview shows how the XYZ color 50.6212, 46.8712, 31.9702 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 50.6212, 46.8712, 31.9702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

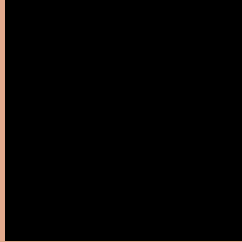
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6212, 46.8712, 31.9702

Background



This preview shows how black text looks on a background with the XYZ color 50.6212, 46.8712, 31.9702.



This preview shows how white text looks on a background with the XYZ color 50.6212, 46.8712,

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

50.6212, 46.8712, 31.9702

Protanopia

44.3214, 47.0633, 34.7651

Deuteranopia

47.8692, 46.8792, 31.7249



Tritanopia

54.1241, 46.9476, 48.3286

Trichromacy



Original Color

50.6212, 46.8712, 31.9702

Protanomaly

46.5623, 47.0379, 33.8193

Deuteranomaly

48.6647, 46.7157, 31.6514

Tritanomaly

52.9233, 47.0121, 41.8822

Monochromacy



Original Color

50.6212, 46.8712, 31.9702

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.8347, 47.2469, 44.1872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6212, 46.8712, 31.9702 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(226, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 142)  
}
```

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(226, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 142) }
```

Border

The CSS property to change the border of an element to XYZ 50.6212, 46.8712, 31.9702 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(226, 170, 142) }
```


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

```
.border{ border-color:rgb(226, 170, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 170, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6212, 46.8712, 31.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 142) }
```

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

```
.background{ background-color: rgb(226,  
170, 142) }
```

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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