

Converting Colors

XYZ(50.9147, 47.9487, 30.6404)

Have a look what the booklet for
XYZ(50.9147, 47.9487, 30.6404)
contains.

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Color

**XYZ(50.8950, 47.8909,
30.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AD8A
RGB	226, 173, 138
RGB Percent	89%, 68%, 54%
CMY	0.1137, 0.3215, 0.4588
CMYK	0.00, 0.23, 0.39, 0.11
HSL	24°, 60%, 71%
HSV	24°, 39%, 89%
XYZ	50.8950, 47.8909, 30.6062
YIQ	184.8570, 42.8230, 0.3510

Conversions

Conversions Part 2

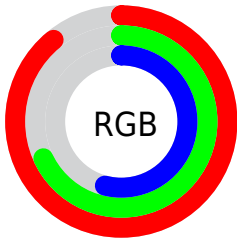
Format	Color
R _Y B	226, 196, 138
Decimal	14855562
CIE Lab	74.76, 14.83, 25.46
CIE LCh	75, 29.468, 59.781
Yxy	47.8909, 0.3933, 0.3701
Android (android.graphics.Color)	4293045642 (0xFFE2AD8A)
YUV	184.8570, -23.1005, 36.0824
Hunter-Lab	69.2033, 10.1708, 22.2204

Details

The XYZ color **50.8950, 47.8909, 30.6062** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.8387, 48.1539, 78.9881**, and the grayscale version is **46.1433, 48.5464, 52.8670**.

A 20% lighter version of the original color is **78.7737, 81.1044, 61.3721**, and **24.9610, 22.8143, 12.3205** is the 20% darker color. If you saturate the color by 10%, you get **46.9480, 42.3485, 22.0407**, and if you desaturate by 10%, it is **55.4508, 54.1058, 41.0552**.

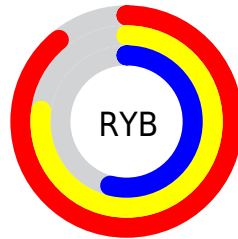
Distribution



Red (89%)

Green (68%)

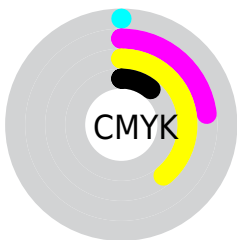
Blue (54%)



Red (89%)

Yellow (77%)

Blue (54%)

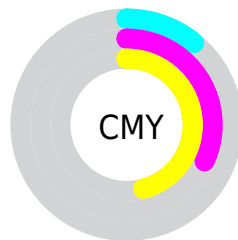


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8950, 47.8909, 30.6062 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 50.8950, 47.8909, 30.6062 by changing the saturation by 10% instead.


 50.8950, 47.8909,
30.6062


 50.8950, 47.8909,
30.6062


380.5501,
378.3595, 319.0148


 36.3458, 33.7405,
20.0432


 90.6835, 87.0419,
61.6918

 24.8727, 22.6943,
12.2421

 116.6534,
112.8114, 83.0516

 16.1105, 14.3680,
6.7842


 147.1609,
143.2226, 108.8473

 9.6937, 8.3770,
3.2511

182.5714,
178.6600, 139.4975

 5.2570, 4.3371,
1.2243

223.2502,
219.5080, 175.4209

 2.4352, 1.8639,
0.0000

269.5627,

 0.8627, 0.5265,

266.1510, 217.0358

0.0000

321.8742,
318.9734, 264.7610

■ 0.0000, 0.0000,
0.0000

■ 50.8950, 47.8909,
30.6062

■ 50.8950, 47.8909,
30.6062

■ 46.9480, 42.3485,
22.0407

■ 55.4508, 54.1058,
41.0552

■ 43.5769, 37.4474,
15.2412

■ 60.6388, 61.0093,
53.4898

■ 40.7509, 33.1637,
10.0812

■ 66.4855, 68.6255,
68.0081

■ 38.4345, 29.4694,
6.4159

■ 73.0146, 76.9750,
84.7007

■ 36.5865, 26.3331,
4.0743

■ 80.2486, 86.0776,
103.6531

■ 35.1478, 23.7154,
2.7940

■ 85.0675, 94.6958,
108.4023

■ 35.0116, 23.4641,
2.6837

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



55.0434, 47.8909, 38.8387



50.8950, 47.8909, 30.6062



45.5582, 47.8909, 27.8847

Triad

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



50.8950, 47.8909, 30.6062



35.9877, 47.8909, 52.0324



50.8216, 47.8909, 82.1215

Complementary

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



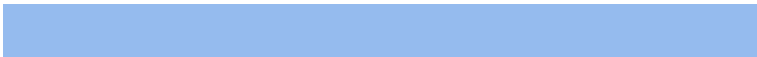
50.8950, 47.8909, 30.6062



42.8387, 48.1539, 78.9881

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.



45.4795, 47.8909, 87.5012



50.8950, 47.8909, 30.6062



37.1618, 47.8909, 68.1888

Square

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



50.8950, 47.8909, 30.6062



37.1961, 47.8909, 38.6785



40.5353, 47.8909, 81.9690



54.9988, 47.8909, 68.4225

Rectangle

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



50.8950, 47.8909, 30.6062



42.1256, 47.8909, 29.0456



40.5353, 47.8909, 81.9690



49.0896, 47.8909, 85.0697

Sweetspot

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



50.8962, 47.8932, 30.6072



84.9094, 86.9845, 83.1203



49.9967, 38.1637, 54.7557



17.9548, 18.3332, 17.2445



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.



50.8962, 47.8932, 30.6072



62.5211, 56.8082, 30.6469



60.4391, 66.9789, 33.7881



14.1524, 14.5907, 14.3772



20.0828, 13.6034, 1.5672



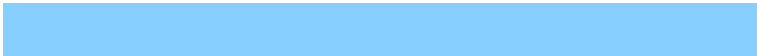
1.4778, 1.1144, 0.1372

Inverse Universe

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



42.8387, 48.1539, 78.9881



50.4576, 57.1668, 102.9826



34.8409, 32.1584, 76.3221



13.6352, 14.6096, 17.4890



12.9814, 13.4323, 42.9569



0.9866, 1.1046, 3.0065

Previews

White Background



This preview shows how the XYZ color 50.8950, 47.8909, 30.6062 looks on a white background.

Color Contrast Check

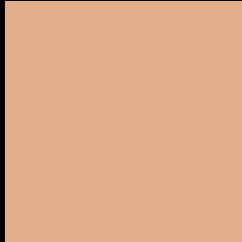
Large Text (above 18pt) WCAG AA × Fail

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 50.8950, 47.8909, 30.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

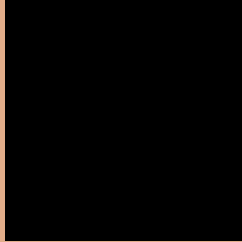
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8950, 47.8909, 30.6062

Background



This preview shows how black text looks on a background with the XYZ color 50.8950, 47.8909, 30.6062.



This preview shows how white text looks on a background with the XYZ color 50.8950, 47.8909,

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

50.8950, 47.8909, 30.6062

Protanopia

45.1244, 48.1345, 32.8992

Deuteranopia

48.8528, 48.0021, 30.3574



Tritanopia

54.6901, 47.7557, 49.5153

Trichromacy



Original Color

50.8950, 47.8909, 30.6062

Protanomaly

47.1414, 47.9755, 31.9749

Deuteranomaly

49.5559, 48.0725, 30.3339

Tritanomaly

53.2926, 47.7506, 42.0053

Monochromacy



Original Color

50.8950, 47.8909, 30.6062

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4112, 48.1543, 43.8417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8950, 47.8909, 30.6062 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, 173, 138)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 138)  
}
```

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, 173, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 138) }
```

Border

The CSS property to change the border of an element to XYZ 50.8950, 47.8909, 30.6062 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, 173, 138) }
```


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

```
.border{ border-color:rgb(226, 173, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 173, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 173, 138);  
box-shadow:4px 4px 4px 4px rgb(226, 173,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8950, 47.8909, 30.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 138) }
```

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

```
.background{ background-color: rgb(226,  
173, 138) }
```

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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