

Converting Colors

XYZ(52.9957, 49.8457, 30.4949)

Have a look what the booklet for
XYZ(52.9957, 49.8457, 30.4949)
contains.

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Color

**XYZ(52.9957, 49.8457,
30.4949)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B089
RGB	231, 176, 137
RGB Percent	91%, 69%, 54%
CMY	0.0941, 0.3098, 0.4627
CMYK	0.00, 0.24, 0.41, 0.09
HSL	25°, 66%, 72%
HSV	25°, 41%, 91%
XYZ	52.9957, 49.8457, 30.4949
YIQ	187.9990, 45.2990, -0.4690

Conversions

Conversions Part 2

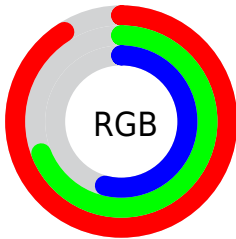
Format	Color
RYB	231, 204, 137
Decimal	15184009
CIELab	75.97, 15.09, 27.72
CIElCh	76, 31.564, 61.439
Yxy	49.8457, 0.3975, 0.3738
Android (android.graphics.Color)	4293374089 (0xFFE7B089)
YUV	187.9990, -25.1425, 37.7119
Hunter-Lab	70.6015, 10.4351, 23.8119

Details

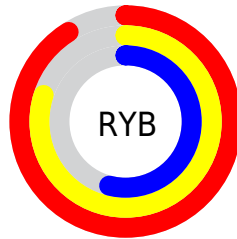
The XYZ color **52.9957, 49.8457, 30.4949** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.5893, 48.7854, 82.7205**, and the grayscale version is **47.9208, 50.4164, 54.9034**.

A 20% lighter version of the original color is **79.5006, 82.7348, 61.0695**, and **26.0368, 23.7383, 12.2265** is the 20% darker color. If you saturate the color by 10%, you get **48.9937, 44.2156, 21.8424**, and if you desaturate by 10%, it is **57.6188, 56.1501, 41.1055**.

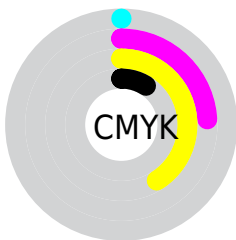
Distribution



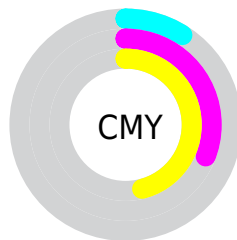
- Red (91%)
- Green (69%)
- Blue (54%)



- Red (91%)
- Yellow (80%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9957, 49.8457, 30.4949 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 52.9957, 49.8457, 30.4949 by changing the saturation by 10% instead.


 52.9957, 49.8457,
30.4949


 52.9957, 49.8457,
30.4949


388.5298,
386.0622, 318.4834


 38.0268, 35.2908,
19.9593


 93.7636, 89.9462,
61.5142

 26.1808, 23.8870,
12.1817


 120.2933,
116.2606, 82.8350

 17.0923, 15.2498,
6.7435

 151.4074,
147.2637, 108.5879

 10.3961, 8.9949,
3.2262

187.4711,
183.3398, 139.1914

 5.7266, 4.7378,
1.2113

228.8498,
224.8733, 175.0642

 2.7186, 2.0943,
0.0000

275.9089,

 1.0068, 0.6614,

272.2486, 216.6248

0.0000

329.0138,
325.8501, 264.2917

■ 0.0000, 0.0000,
0.0000

■ 52.9957, 49.8457,
30.4949

■ 52.9957, 49.8457,
30.4949

■ 48.9937, 44.2156,
21.8424

■ 57.6188, 56.1501,
41.1055

■ 45.5785, 39.2282,
15.0223

■ 62.8875, 63.1448,
53.7835

■ 42.7178, 34.8597,
9.8983

■ 68.8293, 70.8539,
68.6333

■ 40.3740, 31.0814,
6.3139

■ 75.4689, 79.2983,
85.7515

■ 38.5033, 27.8614,
4.0825

■ 82.8296, 88.4977,
105.2289

■ 37.1244, 25.3278,
2.9321

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



57.7026, 49.8457, 39.0637



52.9957, 49.8457, 30.4949



47.0933, 49.8457, 27.8940

Triad

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



52.9957, 49.8457, 30.4949



36.9407, 49.8457, 55.0913



53.5278, 49.8457, 86.8865

Complementary

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



52.9957, 49.8457, 30.4949



43.5893, 48.7854, 82.7205

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.



47.6615, 49.8457, 93.5467



52.9957, 49.8457, 30.4949



38.3628, 49.8457, 72.9932

Square

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



52.9957, 49.8457, 30.4949



38.1165, 49.8457, 40.2066



42.1699, 49.8457, 88.0048



58.0272, 49.8457, 71.2895

Rectangle

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



52.9957, 49.8457, 30.4949



43.3599, 49.8457, 29.3509



42.1699, 49.8457, 88.0048



51.6345, 49.8457, 90.3743

Sweetspot

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



52.9970, 49.8481, 30.4959



85.0613, 87.2883, 83.1709



51.5713, 38.7489, 55.4479



17.9904, 18.4045, 17.2564



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.



52.9970, 49.8481, 30.4959



61.9796, 56.2870, 28.7345



63.4857, 70.8255, 33.9921



14.8658, 15.3455, 15.0829



20.9284, 14.4309, 1.6824



1.6364, 1.2461, 0.1543

Inverse Universe

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



43.5893, 48.7854, 82.7205



48.6556, 54.7537, 102.6118



35.0815, 31.7698, 79.8845



14.2799, 15.2813, 18.3413



13.0801, 13.2223, 44.2459



1.0577, 1.1594, 3.3000

Previews

White Background



This preview shows how the XYZ color 52.9957, 49.8457, 30.4949 looks on a white background.

Color Contrast Check

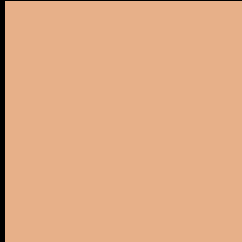
Large Text (above 18pt) WCAG AA × Fail

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 52.9957, 49.8457, 30.4949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

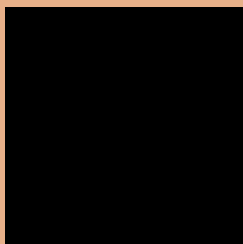
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9957, 49.8457, 30.4949

Background



This preview shows how black text looks on a background with the XYZ color 52.9957, 49.8457, 30.4949.



This preview shows how white text looks on a background with the XYZ color 52.9957, 49.8457,

30.4949.

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

52.9957, 49.8457, 30.4949

Protanopia

46.7402, 49.9111, 32.7615

Deuteranopia

50.8894, 49.9497, 30.2516



Tritanopia

57.1829, 49.8305, 51.4041

Trichromacy



Original Color

52.9957, 49.8457, 30.4949

Protanomaly

48.8185, 49.7575, 31.8421

Deuteranomaly

51.6154, 50.0253, 30.2280

Tritanomaly

55.5671, 49.7506, 42.7505

Monochromacy



Original Color

52.9957, 49.8457, 30.4949

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.2038, 49.9829, 44.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9957, 49.8457, 30.4949 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(231, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(231, 176, 137)  
}
```

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(231, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 176, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.9957, 49.8457, 30.4949 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(231, 176, 137) }
```


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

```
.border{ border-color:rgb(231, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(231, 176,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9957, 49.8457, 30.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 176, 137) }
```

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

```
.background{ background-color: rgb(231,  
176, 137) }
```

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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