

Converting Colors

XYZ(52.7501, 47.6133, 29.9107)

Have a look what the booklet for
XYZ(52.7501, 47.6133, 29.9107)
contains.

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Color

**XYZ(52.9643, 47.8442,
30.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA989
RGB	235, 169, 137
RGB Percent	92%, 66%, 54%
CMY	0.0784, 0.3372, 0.4627
CMYK	0.00, 0.28, 0.42, 0.08
HSL	20°, 71%, 73%
HSV	20°, 42%, 92%
XYZ	52.9643, 47.8442, 30.1103
YIQ	185.0860, 49.6080, 4.0400

Conversions

Conversions Part 2

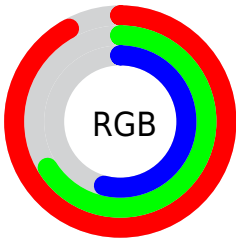
Format	Color
R _Y B	235, 185, 137
Decimal	15444361
CIE Lab	74.73, 20.39, 26.12
CIE LCh	75, 33.138, 52.030
Yxy	47.8442, 0.4046, 0.3654
Android (android.graphics.Color)	4293634441 (0xFFEBA989)
YUV	185.0860, -23.7064, 43.7746
Hunter-Lab	69.1695, 15.6340, 22.6090

Details

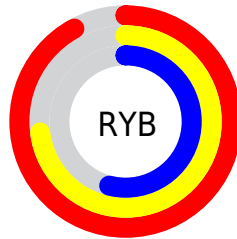
The XYZ color **52.9643, 47.8442, 30.1103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.6671, 54.0265, 86.5658**, and the grayscale version is **46.2714, 48.6811, 53.0138**.

A 20% lighter version of the original color is **77.2996, 78.3329, 60.3358**, and **26.2131, 22.7578, 12.0279** is the 20% darker color. If you saturate the color by 10%, you get **48.6907, 41.7074, 21.2553**, and if you desaturate by 10%, it is **57.9638, 54.8452, 41.0194**.

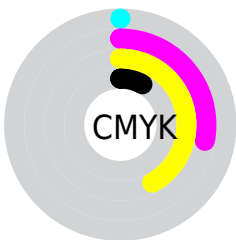
Distribution



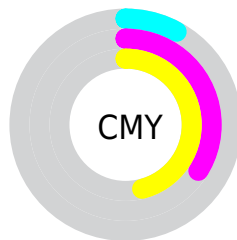
- Red (92%)
- Green (66%)
- Blue (54%)



- Red (92%)
- Yellow (73%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (8%)





- Cyan (8%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9643, 47.8442, 30.1103 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 52.9643, 47.8442, 30.1103 by changing the saturation by 10% instead.


 52.9643, 47.8442,
30.1103


 52.9643, 47.8442,
30.1103


388.4112,
378.1742, 316.6415


 38.0016, 33.7035,
19.6696


 93.7177, 86.9724,
60.8996

 26.1612, 22.6659,
11.9734


 120.2391,
112.7287, 82.0853

 17.0776, 14.3470,
6.6032

 151.3441,
143.1257, 107.6897

 10.3855, 8.3624,
3.1406

187.3982,
178.5477, 138.1314

 5.7195, 4.3277,
1.1669

228.7665,
219.3792, 173.8289

 2.7143, 1.8585,
0.0000

275.8146,

 1.0045, 0.5233,

266.0045, 215.2007

0.0000

328.9077,
318.8080, 262.6654

■ 0.0000, 0.0000,
0.0000

■ 52.9643, 47.8442,
30.1103

■ 52.9643, 47.8442,
30.1103

■ 48.6907, 41.7074,
21.2553

■ 57.9638, 54.8452,
41.0194

■ 45.1027, 36.3929,
14.3206

■ 63.7196, 62.7363,
54.0992

■ 42.1611, 31.8653,
9.1606

■ 70.2644, 71.5509,
69.4609

■ 39.8207, 28.0839,
5.6076

■ 77.6282, 81.3183,
87.2071

■ 38.0288, 25.0029,
3.4605

■ 85.8391, 92.0666,
107.4341

■ 36.8971, 22.9345,
2.4821

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



57.0547, 47.8442, 40.6364



52.9643, 47.8442, 30.1103



47.0963, 47.8442, 25.7039

Triad

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



52.9643, 47.8442, 30.1103



34.9597, 47.8442, 47.6370



49.9499, 47.8442, 89.2067

Complementary

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



52.9643, 47.8442, 30.1103



46.6671, 54.0265, 86.5658

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.



43.8903, 47.8442, 92.2426



52.9643, 47.8442, 30.1103



35.5779, 47.8442, 65.5256

Square

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



52.9643, 47.8442, 30.1103



36.9563, 47.8442, 34.2640



38.7263, 47.8442, 82.7959



55.2102, 47.8442, 75.2344

Rectangle

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



52.9643, 47.8442, 30.1103



43.1074, 47.8442, 25.9590



38.7263, 47.8442, 82.7959



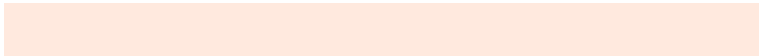
47.9267, 47.8442, 91.6478

Sweetspot

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



52.9655, 47.8465, 30.1112



83.4520, 84.6205, 80.9369



54.1020, 39.9120, 61.9584



17.4767, 17.5952, 16.4126



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.



52.9655, 47.8465, 30.1112



59.3173, 51.2330, 27.0126



63.5980, 69.1114, 33.6554



15.4672, 15.8574, 15.7643



20.6383, 12.9708, 1.4159



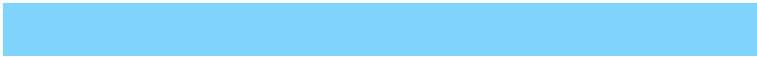
1.7054, 1.1881, 0.1394

Inverse Universe

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



46.6671, 54.0265, 86.5658



50.7622, 59.5409, 103.4248



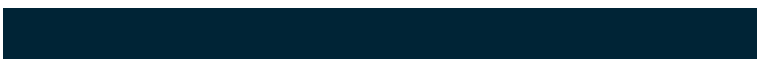
37.0282, 34.7487, 83.3529



15.0791, 16.2445, 19.2630



15.2957, 17.2383, 46.2641



1.2881, 1.5276, 3.6618

Previews

White Background



This preview shows how the XYZ color 52.9643, 47.8442, 30.1103 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 52.9643, 47.8442, 30.1103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

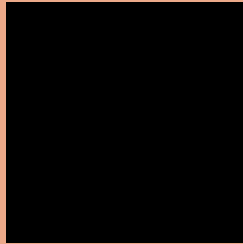
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9643, 47.8442, 30.1103

Background



This preview shows how black text looks on a background with the XYZ color 52.9643, 47.8442, 30.1103.



This preview shows how white text looks on a background with the XYZ color 52.9643, 47.8442,

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

52.9643, 47.8442, 30.1103

Protanopia

44.9395, 48.0304, 33.2878

Deuteranopia

49.0795, 48.1273, 29.9953



Tritanopia

56.7085, 48.0362, 47.3573

Trichromacy



Original Color

52.9643, 47.8442, 30.1103

Protanomaly

47.5062, 47.8649, 31.9343

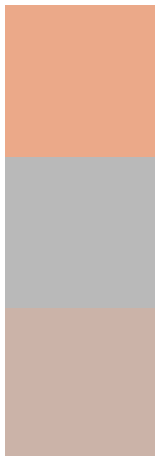
Deuteranomaly

50.3205, 47.8970, 29.8854

Tritanomaly

55.4177, 48.0582, 40.5378

Monochromacy



Original Color

52.9643, 47.8442, 30.1103

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.8166, 47.7639, 43.7449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9643, 47.8442, 30.1103 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(235, 169, 137)` looks like.

```
.text, #text, p{  
  color:rgb(235, 169, 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(235, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 169, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.9643, 47.8442, 30.1103 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(235, 169, 137) }
```


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

```
.border{ border-color:rgb(235, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(235, 169,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9643, 47.8442, 30.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 169, 137) }
```

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

```
.background{ background-color: rgb(235,  
169, 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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