

Converting Colors

XYZ(52.6131, 48.5674, 25.6451)

Have a look what the booklet for
XYZ(52.6131, 48.5674, 25.6451)
contains.

XYZ(52.6516, 48.6225, 25.6788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6516, 48.6225,
25.6788)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAC7C
RGB	235, 172, 124
RGB Percent	92%, 67%, 49%
CMY	0.0784, 0.3255, 0.5137
CMYK	0.00, 0.27, 0.47, 0.08
HSL	26°, 74%, 70%
HSV	26°, 47%, 92%
XYZ	52.6516, 48.6225, 25.6788
YIQ	185.3650, 52.9560, -1.5720

Conversions

Conversions Part 2

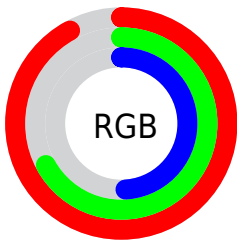
Format	Color
RYB	235, 209, 124
Decimal	15445116
CIELab	75.22, 17.47, 33.70
CIElCh	75, 37.960, 62.602
Yxy	48.6225, 0.4147, 0.3830
Android (android.graphics.Color)	4293635196 (0xFFEBAC7C)
YUV	185.3650, -30.2529, 43.5299
Hunter-Lab	69.7298, 12.7546, 26.9767

Details

The XYZ color **52.6516, 48.6225, 25.6788** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.0771, 45.8219, 85.2766**, and the grayscale version is **46.4612, 48.8808, 53.2311**.

A 20% lighter version of the original color is **76.6449, 79.3725, 52.8758**, and **26.0840, 23.2745, 9.5962** is the 20% darker color. If you saturate the color by 10%, you get **48.9269, 43.2748, 17.9584**, and if you desaturate by 10%, it is **56.9876, 54.6261, 35.3509**.

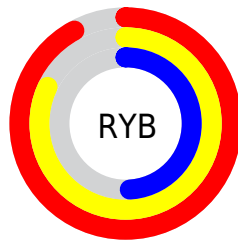
Distribution



Red (92%)

Green (67%)

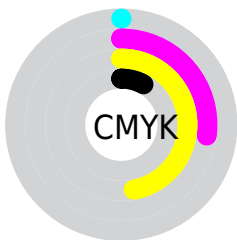
Blue (49%)



Red (92%)

Yellow (82%)

Blue (49%)

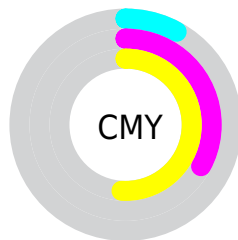


Cyan (0%)

Magenta (27%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6516, 48.6225, 25.6788 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 52.6516, 48.6225, 25.6788 by changing the saturation by 10% instead.


 52.6516, 48.6225,
25.6788

 52.6516, 48.6225,
25.6788


387.2298,
381.2543, 294.7569

 37.7511, 34.3201,
16.3599


 93.2601, 88.1305,
53.7340

 25.9659, 23.1396,
9.6221


 119.6987,
114.1050, 73.3074

 16.9307, 14.6966,
5.0468


 150.7141,
144.7389, 97.1361

 10.2801, 8.6068,
2.2155

186.6716,
180.4166, 125.6385

 5.6487, 4.4856,
0.6833

227.9366,
221.5227, 159.2333

 2.6713, 1.9487,
0.0000

274.8743,

 0.9824, 0.5774,

268.4414, 198.3389

0.0000

327.8503,
321.5571, 243.3739

■ 0.0000, 0.0000,
0.0000

■ 52.6516, 48.6225,
25.6788

■ 52.6516, 48.6225,
25.6788

■ 48.9269, 43.2748,
17.9584

■ 56.9876, 54.6261,
35.3509

■ 45.7769, 38.5507,
12.0498

■ 61.9615, 61.3020,
47.0956

■ 43.1659, 34.4253,
7.7987

■ 67.6025, 68.6749,
61.0273

■ 41.0516, 30.8687,
5.0230

■ 73.9367, 76.7656,
77.2511

■ 39.3810, 27.8455,
3.4858

■ 80.9888, 85.5944,
95.8652

■ 38.9763, 27.0929,
3.1752

■ 87.1295, 94.5195,
108.2596

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



58.4328, 48.6225, 34.8562



52.6516, 48.6225, 25.6788



45.6092, 48.6225, 23.1374

Triad

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



52.6516, 48.6225, 25.6788



34.0906, 48.6225, 54.7011



53.8081, 48.6225, 92.2487

Complementary

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



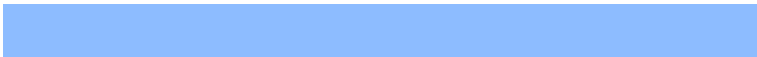
52.6516, 48.6225, 25.6788



41.0771, 45.8219, 85.2766

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.



46.8246, 48.6225, 101.2138



52.6516, 48.6225, 25.6788



35.8300, 48.6225, 76.3995

Square

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



52.6516, 48.6225, 25.6788



35.3196, 48.6225, 37.1877



40.3242, 48.6225, 94.7918



59.1462, 48.6225, 72.6144

Rectangle

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



52.6516, 48.6225, 25.6788



41.2583, 48.6225, 24.8509



40.3242, 48.6225, 94.7918



51.5520, 48.6225, 96.8049

Sweetspot

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



52.6528, 48.6249, 25.6798



83.6996, 85.6579, 79.3473



50.6270, 35.7411, 52.2327



17.5729, 17.8944, 16.1158



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.



52.6528, 48.6249, 25.6798



58.8855, 52.0782, 21.6006



65.0275, 73.3742, 29.8046



15.6013, 16.1255, 15.8090



21.8136, 15.3214, 1.8076



1.8069, 1.3910, 0.1733

Inverse Universe

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



41.0771, 45.8219, 85.2766



43.3171, 48.2728, 101.6423



31.7298, 27.1274, 82.1609



14.9407, 15.9678, 19.2169



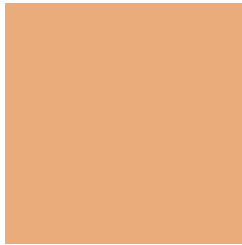
13.1710, 12.9889, 45.5559



1.1296, 1.2106, 3.6090

Previews

White Background



This preview shows how the XYZ color 52.6516, 48.6225, 25.6788 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 52.6516, 48.6225, 25.6788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

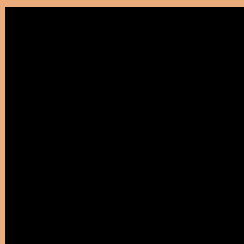
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6516, 48.6225, 25.6788

Background



This preview shows how black text looks on a background with the XYZ color 52.6516, 48.6225, 25.6788.



This preview shows how white text looks on a background with the XYZ color 52.6516, 48.6225,

25.6788.

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

52.6516, 48.6225, 25.6788

Protanopia

45.1976, 48.5890, 28.1155

Deuteranopia

49.7287, 48.5623, 25.4914



Tritanopia

57.4262, 48.6499, 48.4832

Trichromacy



Original Color

52.6516, 48.6225, 25.6788

Protanomaly

47.6581, 48.3472, 27.2422

Deuteranomaly

50.5837, 48.4209, 25.4190

Tritanomaly

55.4341, 48.6510, 38.8166

Monochromacy



Original Color

52.6516, 48.6225, 25.6788

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.5607, 47.9834, 41.4053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6516, 48.6225, 25.6788 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, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 124)  
}
```

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, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 124) }
```

Border

The CSS property to change the border of an element to XYZ 52.6516, 48.6225, 25.6788 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, 172, 124) }
```


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

```
.border{ border-color:rgb(235, 172, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6516, 48.6225, 25.6788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 124) }
```

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

```
.background{ background-color: rgb(235,  
172, 124) }
```

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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