

Converting Colors

XYZ(52.9726, 48.3506, 25.4011)

Have a look what the booklet for
XYZ(52.9726, 48.3506, 25.4011)
contains.

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Color

**XYZ(52.8749, 48.1840,
25.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAA7B
RGB	237, 170, 123
RGB Percent	93%, 67%, 48%
CMY	0.0706, 0.3333, 0.5176
CMYK	0.00, 0.28, 0.48, 0.07
HSL	25°, 76%, 71%
HSV	25°, 48%, 93%
XYZ	52.8749, 48.1840, 25.2525
YIQ	184.6750, 55.0190, -0.4130

Conversions

Conversions Part 2

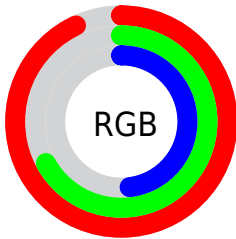
Format	Color
R_{YB}	237, 203, 123
Decimal	15575675
CIE Lab	74.94, 19.23, 33.92
CIE LCh	75, 38.989, 60.443
Yxy	48.1840, 0.4186, 0.3815
Android (android.graphics.Color)	4293765755 (0xFFEDAA7B)
YUV	184.6750, -30.4058, 45.8890
Hunter-Lab	69.4147, 14.4922, 27.0211

Details

The XYZ color **52.8749, 48.1840, 25.2525** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.8670, 47.1503, 87.0148**, and the grayscale version is **46.0767, 48.4762, 52.7906**.

A 20% lighter version of the original color is **76.0017, 78.2450, 52.1714**, and **26.0411, 22.9029, 9.3515** is the 20% darker color. If you saturate the color by 10%, you get **49.0932, 42.7144, 17.5373**, and if you desaturate by 10%, it is **57.2948, 54.3553, 34.9530**.

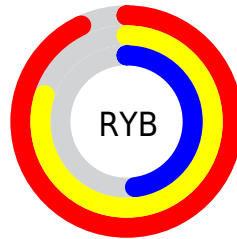
Distribution



Red (93%)

Green (67%)

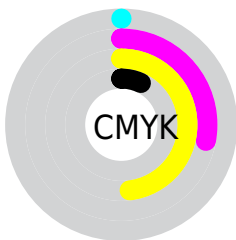
Blue (48%)



Red (93%)

Yellow (80%)

Blue (48%)

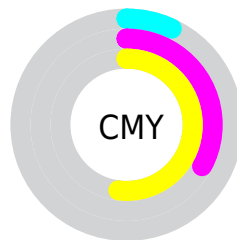


Cyan (0%)

Magenta (28%)

Yellow (48%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8749, 48.1840, 25.2525 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 52.8749, 48.1840, 25.2525 by changing the saturation by 10% instead.


 52.8749, 48.1840,
25.2525

 52.8749, 48.1840,
25.2525


388.0737,
379.5210, 292.5809


 37.9300, 33.9726,
16.0445


 93.5869, 87.4783,
53.0357

 26.1053, 22.8726,
9.4010


 120.0846,
113.3300, 72.4481

 17.0355, 14.4994,
4.9033


 151.1641,
143.8306, 96.0990

 10.3553, 8.4688,
2.1329

187.1905,
179.3645, 124.4071

 5.6992, 4.3964,
0.6352

228.5294,
220.3161, 157.7907

 2.7020, 1.8977,
0.0000

275.5459,

 0.9982, 0.5470,

267.0698, 196.6686

0.0000

328.6056,
320.0100, 241.4591

■ 0.0000, 0.0000,
0.0000

■ 52.8749, 48.1840,
25.2525

■ 52.8749, 48.1840,
25.2525

■ 49.0932, 42.7144,
17.5373

■ 57.2948, 54.3553,
34.9530

■ 45.9111, 37.9116,
11.6630

■ 62.3812, 61.2470,
46.7637

■ 43.2908, 33.7480,
7.4696


■ 68.1649, 68.8859,
60.8024


■ 41.1876, 30.1906,
4.7678


■ 74.6734, 77.2952,
77.1773

■ 39.5421, 27.1993,
3.2952

■ 81.9329, 86.4969,
95.9896

 39.2666, 26.6878,
3.0817

 88.2814, 95.8374,
108.4533

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



58.6185, 48.1840, 35.0274



52.8749, 48.1840, 25.2525



45.6919, 48.1840, 22.2524

Triad

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



52.8749, 48.1840, 25.2525



33.4461, 48.1840, 52.7672



53.0765, 48.1840, 93.9572

Complementary

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



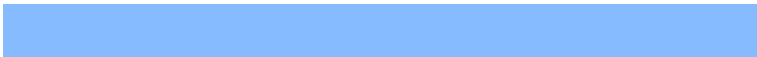
52.8749, 48.1840, 25.2525



41.8670, 47.1503, 87.0148

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.



45.9031, 48.1840, 102.1394



52.8749, 48.1840, 25.2525



34.9971, 48.1840, 74.8980

Square

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



52.8749, 48.1840, 25.2525



34.9089, 48.1840, 35.4291



39.3815, 48.1840, 94.4040



58.7431, 48.1840, 74.2358

Rectangle

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



52.8749, 48.1840, 25.2525



41.1882, 48.1840, 23.6723



39.3815, 48.1840, 94.4040



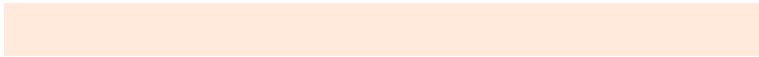
50.7383, 48.1840, 98.3461

Sweetspot

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



52.8761, 48.1864, 25.2534



83.4943, 85.2474, 79.2789



51.4562, 35.9500, 53.7486



17.5231, 17.7948, 16.0992



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.



52.8761, 48.1864, 25.2534



57.9171, 50.3597, 20.6053



65.5879, 73.6099, 29.4907



15.5756, 16.0742, 15.8004



21.5603, 14.8149, 1.7232



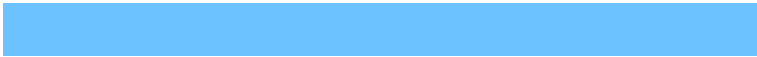
1.7857, 1.3488, 0.1662

Inverse Universe

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



41.8670, 47.1503, 87.0148



43.4209, 48.9430, 101.7662



32.0353, 27.4869, 83.7376



14.9669, 16.0202, 19.2256



13.5408, 13.7285, 45.6792



1.1577, 1.2668, 3.6184

Previews

White Background



This preview shows how the XYZ color 52.8749, 48.1840, 25.2525 looks on a white background.

Color Contrast Check

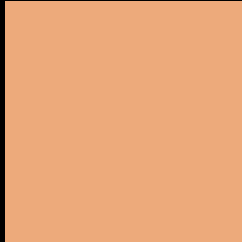
Large Text (above 18pt) WCAG AA × Fail

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 52.8749, 48.1840, 25.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

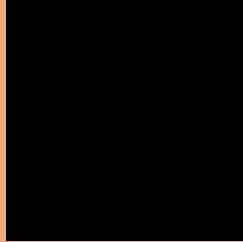
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8749, 48.1840, 25.2525

Background



This preview shows how black text looks on a background with the XYZ color 52.8749, 48.1840, 25.2525.



This preview shows how white text looks on a background with the XYZ color 52.8749, 48.1840,

25.2525.

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

52.8749, 48.1840, 25.2525

Protanopia

45.1308, 48.5623, 27.7637

Deuteranopia

49.3592, 48.3790, 25.1489



Tritanopia

57.5516, 48.2062, 47.3457

Trichromacy



Original Color

52.8749, 48.1840, 25.2525

Protanomaly

47.5926, 48.3210, 26.8972

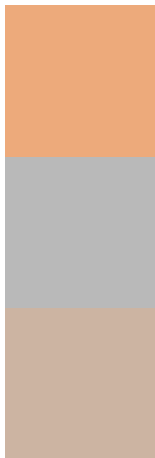
Deuteranomaly

50.3275, 48.0081, 25.0263

Tritanomaly

55.6572, 48.2320, 38.2745

Monochromacy



Original Color

52.8749, 48.1840, 25.2525

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7447, 48.0885, 40.9480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8749, 48.1840, 25.2525 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(237, 170, 123)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 123)  
}
```

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(237, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 123) }
```

Border

The CSS property to change the border of an element to XYZ 52.8749, 48.1840, 25.2525 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(237, 170, 123) }
```


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

```
.border{ border-color:rgb(237, 170, 123) }
```

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

Here you see how a box with a 4 pixel rgb(237, 170, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8749, 48.1840, 25.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 123) }
```

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

```
.background{ background-color: rgb(237,  
170, 123) }
```

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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