

Converting Colors

XYZ(52.6672, 48.7782, 21.8140)

Have a look what the booklet for
XYZ(52.6672, 48.7782, 21.8140)
contains.

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Color

**XYZ(52.5468, 48.6573,
21.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAC6F
RGB	237, 172, 111
RGB Percent	93%, 67%, 44%
CMY	0.0706, 0.3255, 0.5647
CMYK	0.00, 0.27, 0.53, 0.07
HSL	29°, 78%, 68%
HSV	29°, 53%, 93%
XYZ	52.5468, 48.6573, 21.6612
YIQ	184.4810, 58.3210, -5.1910

Conversions

Conversions Part 2

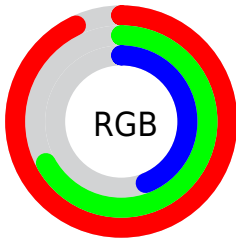
Format	Color
R _Y B	237, 229, 111
Decimal	15576175
CIE Lab	75.24, 17.10, 40.55
CIE LCh	75, 44.011, 67.134
Yxy	48.6573, 0.4277, 0.3960
Android (android.graphics.Color)	4293766255 (0xFFEDAC6F)
YUV	184.4810, -36.2261, 46.0592
Hunter-Lab	69.7548, 12.3945, 30.4168

Details

The XYZ color **52.5468, 48.6573, 21.6612** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3661, 40.5427, 85.9765**, and the grayscale version is **45.9990, 48.3945, 52.7016**.

A 20% lighter version of the original color is **75.4099, 78.8785, 46.3725**, and **25.9189, 23.2348, 7.5336** is the 20% darker color. If you saturate the color by 10%, you get **49.1905, 43.7634, 14.9362**, and if you desaturate by 10%, it is **56.4657, 54.1226, 30.2824**.

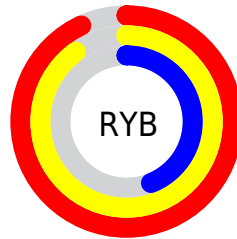
Distribution



Red (93%)

Green (67%)

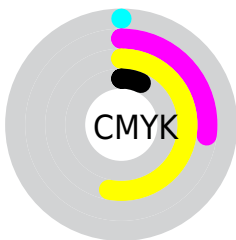
Blue (44%)



Red (93%)

Yellow (90%)

Blue (44%)

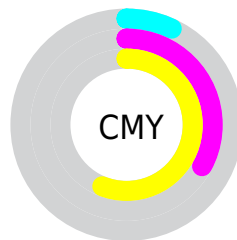


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5468, 48.6573, 21.6612 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 52.5468, 48.6573, 21.6612 by changing the saturation by 10% instead.


 52.5468, 48.6573,
21.6612


 52.5468, 48.6573,
21.6612


386.8333,
381.3916, 273.6674


 37.6671, 34.3477,
13.4122


 93.1066, 88.1823,
47.0804


 25.9005, 23.1608,
7.5790


 119.5175,
114.1664, 65.0877

 16.8815, 14.7123,
3.7429


 150.5028,
144.8109, 87.1848

 10.2448, 8.6177,
1.4854


 186.4279,
180.5000, 113.7904

 5.6251, 4.4927,
0.2070

227.6581,
221.6183, 145.3229

 2.6570, 1.9528,
0.0000

274.5589,

 0.9751, 0.5798,

268.5501, 182.2008

0.0000

327.4955,
321.6797, 224.8428

■ 0.0000, 0.0000,
0.0000

■ 52.5468, 48.6573,
21.6612

■ 52.5468, 48.6573,
21.6612

■ 49.1905, 43.7634,
14.9362

■ 56.4657, 54.1226,
30.2824

■ 46.3594, 39.4110,
9.9550

■ 60.9742, 60.1731,
40.9302

■ 44.0165, 35.5775,
6.5460

■ 66.1013, 66.8309,
53.7268

■ 42.1161, 32.2347,
4.5003

■ 71.8732, 74.1147,
68.7837

■ 41.0270, 30.2087,
3.6685

■ 78.3141, 82.0422,
86.2046

■ 85.4471, 90.6301,
106.0868

■ 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



59.7629, 48.6573, 30.4138



52.5468, 48.6573, 21.6612



44.3456, 48.6573, 19.9718

Triad

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



52.5468, 48.6573, 21.6612



32.4882, 48.6573, 58.6963



56.2681, 48.6573, 96.9253

Complementary

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



52.5468, 48.6573, 21.6612



37.3661, 40.5427, 85.9765

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.



48.2026, 48.6573, 110.4857



52.5468, 48.6573, 21.6612



34.9405, 48.6573, 84.6132

Square

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



52.5468, 48.6573, 21.6612



33.3652, 48.6573, 37.5109



40.4725, 48.6573, 105.4232



62.0800, 48.6573, 72.2051

Rectangle

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



52.5468, 48.6573, 21.6612



39.5212, 48.6573, 22.4414



40.4725, 48.6573, 105.4232



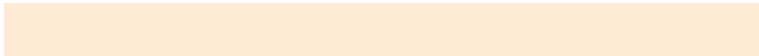
53.6963, 48.6573, 103.2242

Sweetspot

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



52.5480, 48.6597, 21.6621



82.8130, 84.9449, 75.7836



48.4560, 32.5123, 44.8481



17.4203, 17.7977, 15.4216



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.



52.5480, 48.6597, 21.6621



57.6914, 51.0859, 16.8993



67.4738, 78.5113, 26.6374



15.6674, 16.2578, 15.8310



22.5296, 16.7535, 2.0463



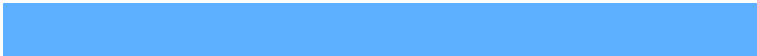
1.8651, 1.5075, 0.1927

Inverse Universe

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



37.3661, 40.5427, 85.9765



37.9657, 40.5290, 100.4296



27.7583, 21.3270, 82.7739



14.8738, 15.8341, 19.1946



12.2943, 11.2357, 45.2637



1.0617, 1.0749, 3.5864

Previews

White Background



This preview shows how the XYZ color 52.5468, 48.6573, 21.6612 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 52.5468, 48.6573, 21.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

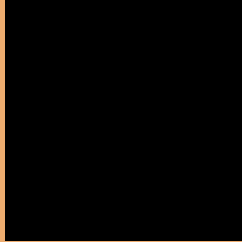
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5468, 48.6573, 21.6612

Background



This preview shows how black text looks on a background with the XYZ color 52.5468, 48.6573, 21.6612.



This preview shows how white text looks on a background with the XYZ color 52.5468, 48.6573,

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

52.5468, 48.6573, 21.6612

Protanopia

45.0684, 48.9353, 23.5931

Deuteranopia

49.5880, 48.5776, 21.5147



Tritanopia

57.7299, 48.5628, 47.4051

Trichromacy



Original Color

52.5468, 48.6573, 21.6612

Protanomaly

47.5855, 48.7097, 22.8135

Deuteranomaly

50.4575, 48.4437, 21.4430

Tritanomaly

55.4214, 48.4297, 36.1326

Monochromacy



Original Color

52.5468, 48.6573, 21.6612

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.0357, 47.7733, 38.6404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5468, 48.6573, 21.6612 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, 172, 111)` looks like.

```
.text, #text, p{  
    color:rgb(237, 172, 111)  
}
```

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, 172, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 172, 111) }
```

Border

The CSS property to change the border of an element to XYZ 52.5468, 48.6573, 21.6612 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, 172, 111) }
```


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

```
.border{ border-color:rgb(237, 172, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 172, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 172, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 172, 111);  
box-shadow:4px 4px 4px 4px rgb(237, 172,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5468, 48.6573, 21.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 172, 111) }
```

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

```
.background{ background-color: rgb(237,  
172, 111) }
```

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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