

Converting Colors

XYZ(50.0392, 52.2687, 17.5767)

Have a look what the booklet for
XYZ(50.0392, 52.2687, 17.5767)
contains.

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Color

**XYZ(50.0392, 52.2687,
17.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBC5C
RGB	222, 188, 92
RGB Percent	87%, 74%, 36%
CMY	0.1294, 0.2627, 0.6392
CMYK	0.00, 0.15, 0.59, 0.13
HSL	44°, 66%, 62%
HSV	44°, 59%, 87%
XYZ	50.0392, 52.2687, 17.5767
YIQ	187.2220, 51.0800, -22.6480

Conversions

Conversions Part 2

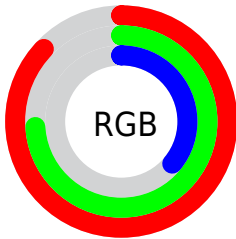
Format	Color
RYB	138, 222, 92
Decimal	14597212
CIELab	77.44, 0.97, 52.21
CIELCh	77, 52.216, 88.937
Yxy	52.2687, 0.4174, 0.4360
Android (android.graphics.Color)	4292787292 (0xFFDEBC5C)
YUV	187.2220, -46.9444, 30.5003
Hunter-Lab	72.2971, -2.9742, 36.1935

Details

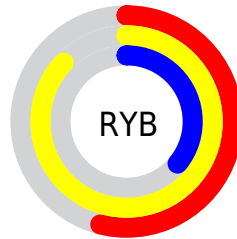
The XYZ color **50.0392, 52.2687, 17.5767** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **25.0591, 22.4702, 72.1234**, and the grayscale version is **47.5972, 50.0760, 54.5327**.

A 20% lighter version of the original color is **78.7015, 88.0057, 39.6268**, and **24.3568, 25.3737, 5.6213** is the 20% darker color. If you saturate the color by 10%, you get **47.9924, 49.5073, 12.7881**, and if you desaturate by 10%, it is **52.4227, 55.2486, 23.8812**.

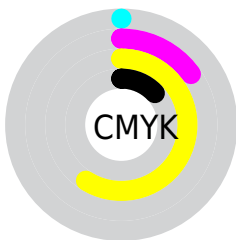
Distribution



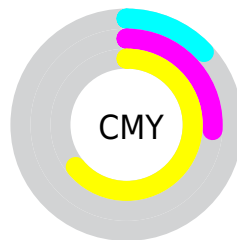
- Red (87%)
- Green (74%)
- Blue (36%)



- Red (54%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0392, 52.2687, 17.5767 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 50.0392, 52.2687, 17.5767 by changing the saturation by 10% instead.

50.0392, 52.2687,
17.5767

50.0392, 52.2687,
17.5767

377.2687,
395.4731, 250.6296

35.6625, 37.2193,
10.4802

89.4244, 93.5274,
40.1188

24.3425, 25.3773,
5.6088

115.1636,
120.5055, 56.4016

15.7140, 16.3584,
2.5438

145.4211,
152.2286, 76.5835

9.4116, 9.7781,
0.8632

180.5620,
189.0811, 101.0832

5.0698, 5.2521,
0.0000

220.9519,
231.4474, 130.3190

2.3235, 2.3959,
0.0000

266.9561,

0.8066, 0.8238,

279.7119, 164.7097

0.0000

318.9399,
334.2590, 204.6738

■ 0.0000, 0.0000,
0.0000

■ 50.0392, 52.2687,
17.5767

■ 50.0392, 52.2687,
17.5767

■ 47.9924, 49.5073,
12.7881

■ 52.4227, 55.2486,
23.8812

■ 46.2524, 46.9456,
9.3771

■ 55.1622, 58.4496,
31.8174

■ 44.7895, 44.5727,
7.1854

■ 58.2799, 61.8835,
41.4934

■ 43.5580, 42.3693,
5.9743

■ 61.7950, 65.5589,
53.0071

■ 43.3901, 42.0616,
5.8318

■ 65.7250, 69.4836,
66.4490

■ 70.0865, 73.6652,
81.9039

■ 74.8953, 78.1108,
99.4511

■ 77.7245, 81.8504,
106.3099

■ 79.4087, 85.2187,
106.8713

Harmonies

Analogous

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



60.3315, 52.2687, 21.4524



50.0392, 52.2687, 17.5767



40.9051, 52.2687, 20.9211

Triad

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



50.0392, 52.2687, 17.5767



34.6160, 52.2687, 88.1045



68.1372, 52.2687, 90.5059

Complementary

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



50.0392, 52.2687, 17.5767



25.0591, 22.4702, 72.1234

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.



59.6274, 52.2687, 120.3754



50.0392, 52.2687, 17.5767



40.3620, 52.2687, 118.6915

Square

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



50.0392, 52.2687, 17.5767



32.7570, 52.2687, 55.8912



49.3222, 52.2687, 132.1050



71.6109, 52.2687, 57.9446

Rectangle

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



50.0392, 52.2687, 17.5767



36.4889, 52.2687, 27.7513



49.3222, 52.2687, 132.1050



65.7189, 52.2687, 101.5504

Sweetspot

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



50.0404, 52.2712, 17.5777



84.8108, 89.9679, 73.2821



37.7607, 24.7080, 22.7445



17.8371, 18.9327, 14.6317



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.



50.0404, 52.2712, 17.5777



65.1966, 67.0580, 16.4362



49.7071, 64.1782, 19.8936



14.5526, 15.3912, 14.5106



25.8678, 25.1734, 3.4956



1.8645, 1.8879, 0.2661

Inverse Universe

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



25.0591, 22.4702, 72.1234



28.1754, 22.9870, 97.5597



25.0857, 17.0907, 71.0837



13.2420, 13.8232, 17.3579



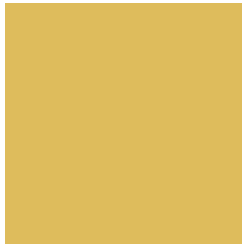
8.8089, 5.0874, 41.5661



0.6826, 0.4966, 2.9051

Previews

White Background



This preview shows how the XYZ color 50.0392, 52.2687, 17.5767 looks on a white background.

Color Contrast Check

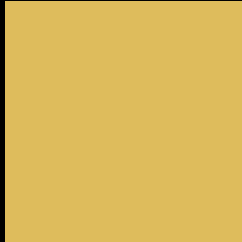
Large Text (above 18pt) WCAG AA × Fail

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 50.0392, 52.2687, 17.5767 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 50.0392, 52.2687, 17.5767

Background



This preview shows how black text looks on a background with the XYZ color 50.0392, 52.2687, 17.5767.



This preview shows how white text looks on a background with the XYZ color 50.0392, 52.2687,

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

50.0392, 52.2687, 17.5767

Protanopia

47.9768, 52.4866, 17.9582

Deuteranopia

53.2958, 52.0791, 17.5992



Tritanopia

58.0811, 52.1948, 56.3036

Trichromacy



Original Color

50.0392, 52.2687, 17.5767

Protanomaly

48.9255, 52.6508, 17.9399

Deuteranomaly

52.0713, 52.0602, 17.6601

Tritanomaly

54.4352, 51.9083, 38.1606

Monochromacy



Original Color

50.0392, 52.2687, 17.5767

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2572, 50.0870, 36.8828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0392, 52.2687, 17.5767 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(222, 188, 92)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 92)  
}
```

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(222, 188, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 92) }
```

Border

The CSS property to change the border of an element to XYZ 50.0392, 52.2687, 17.5767 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(222, 188, 92) }
```


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

```
.border{ border-color:rgb(222, 188, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 92);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0392, 52.2687, 17.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 92) }
```

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

```
.background{ background-color: rgb(222,  
188, 92) }
```

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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