

Converting Colors

XYZ(47.8328, 52.8824, 11.5572)

Have a look what the booklet for
XYZ(47.8328, 52.8824, 11.5572)
contains.

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Color

**XYZ(47.8328, 52.8824,
11.5572)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C139
RGB	215, 193, 57
RGB Percent	84%, 76%, 22%
CMY	0.1569, 0.2431, 0.7765
CMYK	0.00, 0.10, 0.73, 0.16
HSL	52°, 66%, 53%
HSV	52°, 73%, 84%
XYZ	47.8328, 52.8824, 11.5572
YIQ	184.0740, 56.7680, -37.6320

Conversions

Conversions Part 2

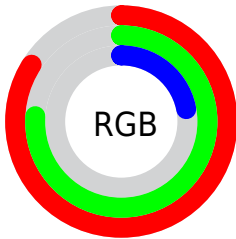
Format	Color
R _Y B	83, 215, 57
Decimal	14139705
CIE Lab	77.81, -6.62, 67.04
CIE LCh	78, 67.365, 95.644
Yxy	52.8824, 0.4260, 0.4710
Android (android.graphics.Color)	4292329785 (0xFFD7C139)
YUV	184.0740, -62.6475, 27.1221
Hunter-Lab	72.7203, -9.8496, 41.4814

Details

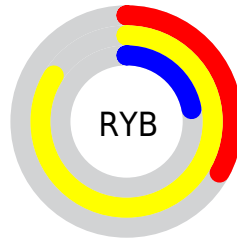
The XYZ color **47.8328, 52.8824, 11.5572** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **16.7492, 11.3680, 65.6010**, and the grayscale version is **45.9157, 48.3069, 52.6062**.

A 20% lighter version of the original color is **78.0963, 90.2036, 28.9177**, and **23.0884, 25.8241, 3.7677** is the 20% darker color. If you saturate the color by 10%, you get **46.7513, 51.4038, 9.0876**, and if you desaturate by 10%, it is **49.1571, 54.4836, 15.2286**.

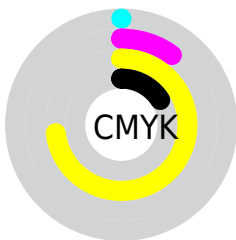
Distribution



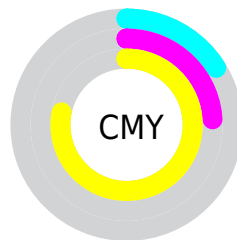
- Red (84%)
- Green (76%)
- Blue (22%)



- Red (33%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8328, 52.8824, 11.5572 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 47.8328, 52.8824, 11.5572 by changing the saturation by 10% instead.

47.8328, 52.8824,
11.5572

47.8328, 52.8824,
11.5572

368.7226,
397.8338, 212.3242

33.9052, 37.7089,
6.3241

86.1666, 94.4313,
29.3383

22.9833, 25.7568,
2.9712

111.3035,
121.5755, 42.7233

14.7018, 16.6418,
1.0799

140.9076,
153.4787, 59.6627

8.6953, 9.9794,
0.0000

175.3442,
190.5253, 80.5750

4.5985, 5.3853,
0.0000

214.9786,
233.0997, 105.8787

2.0460, 2.4751,
0.0000

260.1763,

0.6596, 0.8641,

281.5863, 135.9925

0.0000

311.3025,
336.3696, 171.3348

■ 0.0000, 0.0000,
0.0000

■ 47.8328, 52.8824,
11.5572

■ 47.8328, 52.8824,
11.5572

■ 46.7513, 51.4038,
9.0876

■ 49.1571, 54.4836,
15.2286

■ 45.8780, 50.0278,
7.6540

■ 50.7461, 56.2101,
20.2329

■ 45.3878, 49.1744,
7.0994

■ 52.6232, 58.0736,
26.6877

■ 54.8083, 60.0821,
34.6968

■ 57.3193, 62.2428,
44.3545

■ 60.1726, 64.5625,
55.7474

■ 63.3839, 67.0475,
68.9563

■ 66.9673, 69.7037,
84.0567

■ 70.9366, 72.5366,
101.1200

Harmonies

Analogous

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



61.3522, 52.8824, 13.7596



47.8328, 52.8824, 11.5572



36.9985, 52.8824, 16.6681

Triad

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



47.8328, 52.8824, 11.5572



32.4865, 52.8824, 110.5082



76.7993, 52.8824, 92.6415

Complementary

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



47.8328, 52.8824, 11.5572



16.7492, 11.3680, 65.6010

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.



66.3706, 52.8824, 138.0745



47.8328, 52.8824, 11.5572



40.5979, 52.8824, 151.1426

Square

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



47.8328, 52.8824, 11.5572



29.1783, 52.8824, 64.9493



52.7744, 52.8824, 162.9595



79.6382, 52.8824, 50.7902

Rectangle

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



47.8328, 52.8824, 11.5572



32.2451, 52.8824, 25.7726



52.7744, 52.8824, 162.9595



73.9864, 52.8824, 108.4757

Sweetspot

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



47.8340, 52.8849, 11.5583



84.8563, 92.0171, 67.2606



30.9616, 17.9634, 9.5620



17.9319, 19.5025, 13.4914



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.



47.8340, 52.8849, 11.5583



68.0740, 74.5406, 12.0687



39.4765, 56.3388, 12.6654



13.3186, 14.2114, 13.2018



27.2061, 29.5294, 4.2658



1.6824, 1.8640, 0.2711

Inverse Universe

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



16.7492, 11.3680, 65.6010



20.3169, 10.9327, 95.6472



20.4498, 11.2977, 65.3923



11.8807, 12.2847, 15.6825



7.6586, 3.5789, 38.7403



0.5080, 0.3080, 2.3520

Previews

White Background



This preview shows how the XYZ color 47.8328, 52.8824, 11.5572 looks on a white background.

Color Contrast Check

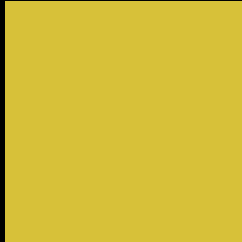
Large Text (above 18pt) WCAG AA × Fail

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 47.8328, 52.8824, 11.5572 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 47.8328, 52.8824, 11.5572

Background



This preview shows how black text looks on a background with the XYZ color 47.8328, 52.8824, 11.5572.



This preview shows how white text looks on a background with the XYZ color 47.8328, 52.8824,

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

47.8328, 52.8824, 11.5572

Protanopia

48.1274, 53.0343, 11.5709

Deuteranopia

54.0514, 52.9047, 11.7777



Tritanopia

57.4229, 52.7063, 58.1858

Trichromacy



Original Color

47.8328, 52.8824, 11.5572

Protanomaly

48.1274, 53.0343, 11.5709

Deuteranomaly

51.8646, 53.0227, 11.7758

Tritanomaly

52.5072, 52.2411, 33.7017

Monochromacy



Original Color

47.8328, 52.8824, 11.5572

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8634, 48.9777, 31.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8328, 52.8824, 11.5572 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(215, 193, 57)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 57)  
}
```

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(215, 193, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 57) }
```

Border

The CSS property to change the border of an element to XYZ 47.8328, 52.8824, 11.5572 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(215, 193, 57) }
```


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

```
.border{ border-color:rgb(215, 193, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 57);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8328, 52.8824, 11.5572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 57) }
```

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

```
.background{ background-color: rgb(215,  
193, 57) }
```

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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