

Converting Colors

XYZ(52.4954, 57.5590, 15.7401)

Have a look what the booklet for
XYZ(52.4954, 57.5590, 15.7401)
contains.

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Color

**XYZ(52.4970, 57.5610,
15.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC84F
RGB	223, 200, 79
RGB Percent	87%, 78%, 31%
CMY	0.1255, 0.2157, 0.6902
CMYK	0.00, 0.10, 0.65, 0.13
HSL	50°, 69%, 59%
HSV	50°, 65%, 87%
XYZ	52.4970, 57.5610, 15.7406
YIQ	193.0830, 52.5490, -32.7550

Conversions

Conversions Part 2

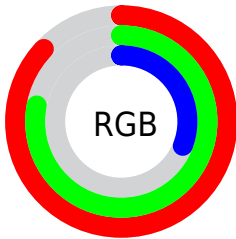
Format	Color
RYB	106, 223, 79
Decimal	14665807
CIELab	80.49, -5.69, 61.40
CIELCh	80, 61.665, 95.290
Yxy	57.5610, 0.4173, 0.4576
Android (android.graphics.Color)	4292855887 (0xFFDFC84F)
YUV	193.0830, -56.2429, 26.2372
Hunter-Lab	75.8690, -9.2589, 40.8073

Details

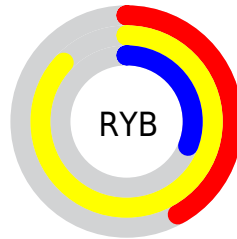
The XYZ color **52.4970, 57.5610, 15.7406** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.2951, 16.4923, 71.8727**, and the grayscale version is **51.0375, 53.6954, 58.4743**.

A 20% lighter version of the original color is **81.2336, 94.4735, 36.1440**, and **25.9135, 28.6041, 4.7715** is the 20% darker color. If you saturate the color by 10%, you get **51.0029, 55.6612, 11.8878**, and if you desaturate by 10%, it is **54.2852, 59.6135, 21.0354**.

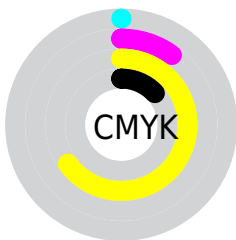
Distribution



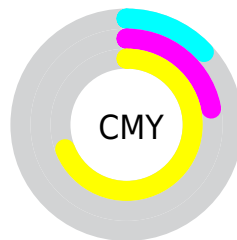
- Red (87%)
- Green (78%)
- Blue (31%)



- Red (42%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4970, 57.5610, 15.7406 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 52.4970, 57.5610, 15.7406 by changing the saturation by 10% instead.

■ 52.4970, 57.5610,
15.7406

■ 52.4970, 57.5610,
15.7406

386.6448,
415.5481, 239.5994

■ 37.6272, 41.4558,
9.1884

■ 93.0337, 101.2833,
36.9078

■ 25.8694, 28.6754,
4.7658

■ 119.4313,
129.6692, 52.3599

■ 16.8581, 18.8354,
2.0542

■ 150.4023,
162.9175, 71.6157

■ 10.2281, 11.5514,
0.5883

■ 186.3120,
201.4125, 95.0937

■ 5.6139, 6.4390,
0.0000

■ 227.5258,
245.5387, 123.2126

■ 2.6502, 3.1138,
0.0000

274.4089,

■ 0.9716, 1.1914,

295.6804, 156.3908

0.0000

327.3268,
352.2221, 195.0469

■ 0.0000, 0.0547,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4970, 57.5610,
15.7406

■ 52.4970, 57.5610,
15.7406

■ 51.0029, 55.6612,
11.8878

■ 54.2852, 59.6135,
21.0354

■ 49.7702, 53.8944,
9.3236

■ 56.3881, 61.8207,
27.8982

■ 48.7655, 52.2490,
7.8660

■ 58.8291, 64.1942,
36.4448

■ 48.2845, 51.3944,
7.3752

■ 61.6279, 66.7422,
46.7796

■ 64.8030, 69.4722,
58.9981

■ 68.3712, 72.3913,
73.1893

■ 72.3486, 75.5059,
89.4364

■ 76.3606, 78.6665,
105.7673

■ 77.3532, 80.6517,
106.0981

Harmonies

Analogous

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



65.5258, 57.5610, 18.2890



52.4970, 57.5610, 15.7406



41.8215, 57.5610, 21.2639

Triad

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



52.4970, 57.5610, 15.7406



37.1543, 57.5610, 112.1725



79.9271, 57.5610, 96.5539

Complementary

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



52.4970, 57.5610, 15.7406



21.2951, 16.4923, 71.8727

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.



70.0067, 57.5610, 138.5044



52.4970, 57.5610, 15.7406



45.1551, 57.5610, 149.6942

Square

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



52.4970, 57.5610, 15.7406



33.8806, 57.5610, 69.3215



56.9843, 57.5610, 160.8312



82.6937, 57.5610, 56.4659

Rectangle

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



52.4970, 57.5610, 15.7406



37.0452, 57.5610, 30.7767



56.9843, 57.5610, 160.8312



77.2508, 57.5610, 111.3228

Sweetspot

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



52.4983, 57.5637, 15.7418



85.7889, 92.4257, 72.0618



35.6759, 22.2597, 15.2489



18.1002, 19.5563, 14.4194



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.



52.4983, 57.5637, 15.7418



68.5810, 74.6935, 14.8929



45.4784, 62.4538, 17.0556



14.6756, 15.6373, 14.5516



28.4602, 30.3582, 4.3597



2.0233, 2.2055, 0.3191

Inverse Universe

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



21.2951, 16.4923, 71.8727



23.4894, 15.4521, 96.3523



24.8682, 15.4324, 71.4798



13.1279, 13.5950, 17.3199



8.2491, 3.9677, 41.3794



0.6268, 0.3851, 2.8865

Previews

White Background



This preview shows how the XYZ color 52.4970, 57.5610, 15.7406 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 52.4970, 57.5610, 15.7406 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 52.4970, 57.5610, 15.7406

Background



This preview shows how black text looks on a background with the XYZ color 52.4970, 57.5610, 15.7406.



This preview shows how white text looks on a background with the XYZ color 52.4970, 57.5610,

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

52.4970, 57.5610, 15.7406

Protanopia

52.4970, 57.5610, 15.7406

Deuteranopia

58.6478, 57.3926, 15.9694



Tritanopia

62.0353, 57.1286, 63.6344

Trichromacy



Original Color

52.4970, 57.5610, 15.7406

Protanomaly

52.4970, 57.5610, 15.7406

Deuteranomaly

56.3736, 57.5284, 15.9175

Tritanomaly

57.2485, 56.7916, 39.8428

Monochromacy



Original Color

52.4970, 57.5610, 15.7406

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3093, 54.5842, 37.5900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4970, 57.5610, 15.7406 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(223, 200, 79)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 79)  
}
```

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(223, 200, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 79) }
```

Border

The CSS property to change the border of an element to XYZ 52.4970, 57.5610, 15.7406 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(223, 200, 79) }
```


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

```
.border{ border-color:rgb(223, 200, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 79);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4970, 57.5610, 15.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 79) }
```

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

```
.background{ background-color: rgb(223,  
200, 79) }
```

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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