

Converting Colors

XYZ(56.2742, 57.7462, 8.1802)

Have a look what the booklet for
XYZ(56.2742, 57.7462, 8.1802)
contains.

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Color

**XYZ(56.2539, 57.6383,
8.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C200
RGB	243, 194, 0
RGB Percent	95%, 76%, 0%
CMY	0.0471, 0.2392, 0.9999
CMYK	0.00, 0.20, 1.00, 0.05
HSL	48°, 100%, 48%
HSV	48°, 100%, 95%
XYZ	56.2539, 57.6383, 8.1604
YIQ	186.5350, 91.4780, -49.9460

Conversions

Conversions Part 2

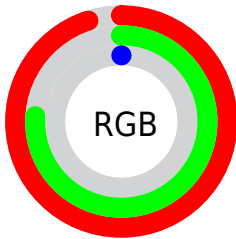
Format	Color
RYB	61, 243, 0
Decimal	15974912
CIELab	80.54, 3.69, 82.12
CIELCh	81, 82.203, 87.427
Yxy	57.6383, 0.4609, 0.4722
Android (android.graphics.Color)	4294164992 (0xFF3C200)
YUV	186.5350, -91.9618, 49.5198
Hunter-Lab	75.9199, -0.5978, 46.7710

Details

The XYZ color **56.2539, 57.6383, 8.1604** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **17.2767, 8.6690, 85.5558**, and the grayscale version is **47.4402, 49.9108, 54.3528**.

A 20% lighter version of the original color is **77.0258, 90.2713, 21.7519**, and **28.5809, 28.8735, 4.0668** is the 20% darker color. If you saturate the color by 10%, you get **56.2541, 57.6391, 8.1606**, and if you desaturate by 10%, it is **57.5319, 59.9256, 9.4164**.

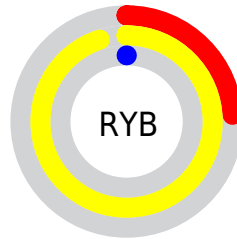
Distribution



Red (95%)

Green (76%)

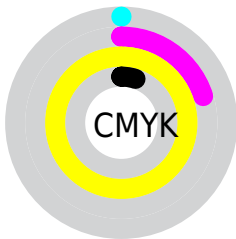
Blue (0%)



Red (24%)

Yellow (95%)

Blue (0%)

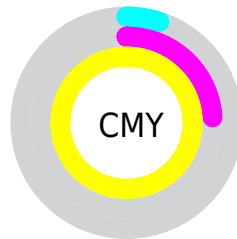


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2539, 57.6383, 8.1604 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 56.2539, 57.6383, 8.1604 by changing the saturation by 10% instead.


 56.2539, 57.6383,
8.1604


 56.2539, 57.6383,
8.1604


400.7072,
415.8368, 186.9661

 40.6443, 41.5179,
4.1085


 98.5134, 101.3960,
22.8236

 28.2277, 28.7240,
1.6851


 125.8940,
129.8020, 34.2721

 18.6387, 18.8721,
0.3505


 157.9290,
163.0721, 49.0231

 11.5120, 11.5779,
0.0000

 194.9837,
201.5906, 67.4953

 6.4821, 6.4570,
0.0000

 237.4235,
245.7420, 90.1071

 3.1838, 3.1249,
0.0000

 285.6138,

 1.2517, 1.1973,

295.9105, 117.2772

0.0000

339.9199,
352.4807, 149.4240

■ 0.1466, 0.0595,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2539, 57.6383,
8.1604

■ 56.2539, 57.6383,
8.1604

■ 56.2541, 57.6391,
8.1606

■ 57.5319, 59.9256,
9.4164

■ 59.0550, 62.3667,
11.7895

■ 60.8901, 64.9912,
15.6250

■ 63.0766, 67.8153,
21.1287

■ 65.6476, 70.8530,
28.4733

■ 68.6321, 74.1162,
37.8099

■ 72.0562, 77.6158,
49.2740

■ 75.9435, 81.3619,
62.9891

■ 80.3160, 85.3638,
79.0693

Harmonies

Analogous

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



74.1882, 57.6383, 12.4874



56.2539, 57.6383, 8.1604



41.1478, 57.6383, 11.1181

Triad

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



56.2539, 57.6383, 8.1604



30.7230, 57.6383, 116.0718



86.9521, 57.6383, 127.3094

Complementary

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



56.2539, 57.6383, 8.1604



17.2767, 8.6690, 85.5558

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.



71.1410, 57.6383, 186.7585



56.2539, 57.6383, 8.1604



39.0969, 57.6383, 178.2552

Square

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



56.2539, 57.6383, 8.1604



28.3285, 57.6383, 58.6761



53.3389, 57.6383, 209.0184



94.0408, 57.6383, 67.0256

Rectangle

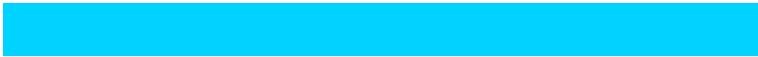
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.2539, 57.6383, 8.1604



34.1834, 57.6383, 18.5290



53.3389, 57.6383, 209.0184



82.3404, 57.6383, 149.0251

Sweetspot

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



56.2552, 57.6411, 8.1615



80.3613, 86.5648, 54.8563



37.5970, 19.3090, 5.0736



16.8422, 18.1683, 10.5222



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.



56.2552, 57.6411, 8.1615



62.7340, 64.2480, 9.0947



49.5406, 73.1171, 11.5026



17.6143, 18.7127, 17.4811



30.9730, 31.8315, 4.5116



2.7925, 2.9382, 0.4199

Inverse Universe

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



17.2767, 8.6690, 85.5558



19.2521, 9.6242, 95.4507



18.6225, 7.7318, 85.3040



15.8517, 16.4678, 20.8857



9.5572, 4.9082, 46.9817



0.9097, 0.5709, 4.1525

Previews

White Background



This preview shows how the XYZ color 56.2539, 57.6383, 8.1604 looks on a white background.

Color Contrast Check

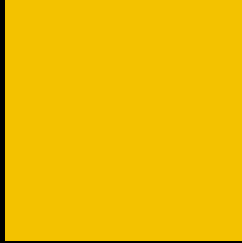
Large Text (above 18pt) WCAG AA × Fail

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 56.2539, 57.6383, 8.1604 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 56.2539, 57.6383, 8.1604

Background



This preview shows how black text looks on a background with the XYZ color 56.2539, 57.6383, 8.1604.



This preview shows how white text looks on a background with the XYZ color 56.2539, 57.6383,

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

56.2539, 57.6383, 8.1604

Protanopia

52.3111, 57.9662, 8.7481

Deuteranopia

59.0150, 57.7470, 8.5261



Tritanopia

66.5669, 57.4202, 58.6137

Trichromacy



Original Color

56.2539, 57.6383, 8.1604

Protanomaly

53.5111, 57.5593, 8.4907

Deuteranomaly

57.7525, 57.4233, 8.3271

Tritanomaly

59.9910, 56.2677, 26.4378

Monochromacy



Original Color

56.2539, 57.6383, 8.1604

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4754, 51.4242, 24.8764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2539, 57.6383, 8.1604 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(243, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 0)  
}
```

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(243, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 0) }
```

Border

The CSS property to change the border of an element to XYZ 56.2539, 57.6383, 8.1604 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(243, 194, 0) }
```


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

```
.border{ border-color:rgb(243, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2539, 57.6383, 8.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 0) }
```

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

```
.background{ background-color: rgb(243,  
194, 0) }
```

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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