

Converting Colors

XYZ(55.0498, 56.1722, 16.3262)

Have a look what the booklet for
XYZ(55.0498, 56.1722, 16.3262)
contains.

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Color

**XYZ(55.0419, 56.1722,
16.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC054
RGB	236, 192, 84
RGB Percent	93%, 75%, 33%
CMY	0.0745, 0.2470, 0.6706
CMYK	0.00, 0.19, 0.64, 0.07
HSL	43°, 80%, 63%
HSV	43°, 64%, 93%
XYZ	55.0419, 56.1722, 16.3288
YIQ	192.8440, 60.8920, -24.2600

Conversions

Conversions Part 2

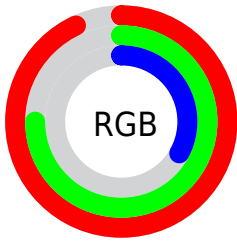
Format	Color
RYB	146, 236, 84
Decimal	15515732
CIELab	79.71, 4.21, 58.76
CIELCh	80, 58.913, 85.900
Yxy	56.1722, 0.4316, 0.4404
Android (android.graphics.Color)	4293705812 (0xFFECC054)
YUV	192.8440, -53.6601, 37.8478
Hunter-Lab	74.9481, -0.0688, 39.5463

Details

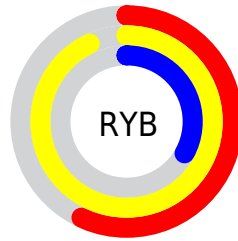
The XYZ color **55.0419, 56.1722, 16.3288** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **26.5153, 23.3784, 82.4713**, and the grayscale version is **50.8784, 53.5281, 58.2921**.

A 20% lighter version of the original color is **79.3948, 90.2298, 37.2763**, and **27.5737, 27.8962, 5.0298** is the 20% darker color. If you saturate the color by 10%, you get **52.8039, 52.9347, 11.7654**, and if you desaturate by 10%, it is **57.6634, 59.6789, 22.5568**.

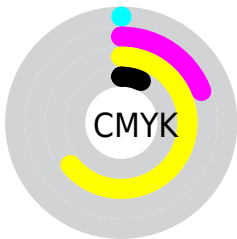
Distribution



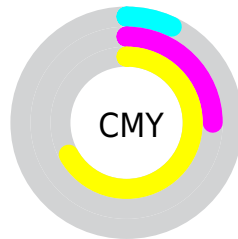
- Red (93%)
- Green (75%)
- Blue (33%)



- Red (57%)
- Yellow (93%)
- Blue (33%)



- Cyan (0%)
- Magenta (19%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0419, 56.1722, 16.3288 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 55.0419, 56.1722, 16.3288 by changing the saturation by 10% instead.

55.0419, 56.1722,
16.3288

55.0419, 56.1722,
16.3288

396.2046,
410.3401, 243.1858

39.6692, 40.3410,
9.6002

96.7503, 99.2563,
37.9428

27.4638, 27.8045,
5.0326

123.8168,
127.2780, 53.6653

18.0603, 18.1784,
2.2073

155.5119,
160.1320, 73.2229

11.0932, 11.0781,
0.6786

192.2010,
198.2027, 97.0341

6.1973, 6.1194,
0.0000

234.2495,
241.8744, 125.5174

3.0072, 2.9178,
0.0000

282.0226,

1.1576, 1.0890,

291.5317, 159.0915

0.0000

335.8859,
347.5588, 198.1747

■ 0.0725, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0419, 56.1722,
16.3288

■ 55.0419, 56.1722,
16.3288

■ 52.8039, 52.9347,
11.7654

■ 57.6634, 59.6789,
22.5568

■ 50.9118, 49.9433,
8.6908


■ 60.6937, 63.4597,
30.5950


■ 49.3261, 47.1828,
6.8951


■ 64.1599, 67.5291,
40.5765


■ 48.5378, 45.7247,
6.2675


■ 68.0856, 71.8981,
52.6211

 72.4926, 76.5767,
66.8389

 77.4010, 81.5742,
83.3320

 82.8297, 86.8997,
102.1961

 85.7961, 91.3613,
107.7203

 87.9195, 95.6081,
108.4281

Harmonies

Analogous

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



67.2671, 56.1722, 21.3745



55.0419, 56.1722, 16.3288



44.0093, 56.1722, 19.1343

Triad

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



55.0419, 56.1722, 16.3288



35.3447, 56.1722, 94.4693



74.6579, 56.1722, 105.7272

Complementary

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



55.0419, 56.1722, 16.3288



26.5153, 23.3784, 82.4713

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.



64.0171, 56.1722, 141.0371



55.0419, 56.1722, 16.3288



41.5661, 56.1722, 133.0202

Square

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



55.0419, 56.1722, 16.3288



33.6712, 56.1722, 56.5975



51.7715, 56.1722, 152.5276



79.6079, 56.1722, 65.9655

Rectangle

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



55.0419, 56.1722, 16.3288



38.5913, 56.1722, 25.9638



51.7715, 56.1722, 152.5276



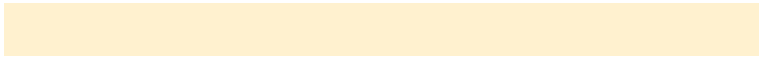
71.5575, 56.1722, 119.0110

Sweetspot

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



55.0432, 56.1749, 16.3299



83.8960, 88.6399, 71.4309



41.7650, 25.7749, 23.7531



17.6382, 18.6322, 14.2654



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.



55.0432, 56.1749, 16.3299



62.2532, 62.0378, 12.7836



56.9383, 73.6953, 19.6118



15.9623, 16.8476, 15.9293



26.8717, 25.4377, 3.4937



2.1920, 2.1613, 0.3017

Inverse Universe

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



26.5153, 23.3784, 82.4713



26.0186, 20.5105, 97.1953



25.3027, 16.0017, 81.1114



14.5864, 15.2591, 19.0988



9.5916, 5.8303, 44.3628



0.8333, 0.6181, 3.5103

Previews

White Background



This preview shows how the XYZ color 55.0419, 56.1722, 16.3288 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 55.0419, 56.1722, 16.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

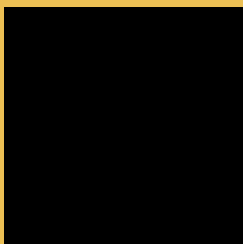
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0419, 56.1722, 16.3288

Background



This preview shows how black text looks on a background with the XYZ color 55.0419, 56.1722, 16.3288.



This preview shows how white text looks on a background with the XYZ color 55.0419, 56.1722,

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

55.0419, 56.1722, 16.3288

Protanopia

51.3890, 56.2757, 16.9579

Deuteranopia

57.2791, 56.0348, 16.3912



Tritanopia

63.7151, 55.9500, 58.4802

Trichromacy



Original Color

55.0419, 56.1722, 16.3288

Protanomaly

52.7437, 56.3045, 16.6823

Deuteranomaly

56.4552, 55.9283, 16.4141

Tritanomaly

59.5912, 55.4913, 38.1420

Monochromacy



Original Color

55.0419, 56.1722, 16.3288

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1142, 53.9951, 37.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0419, 56.1722, 16.3288 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(236, 192, 84)` looks like.

```
.text, #text, p{  
    color:rgb(236, 192, 84)  
}
```

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(236, 192, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 192, 84) }
```

Border

The CSS property to change the border of an element to XYZ 55.0419, 56.1722, 16.3288 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(236, 192, 84) }
```


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

```
.border{ border-color:rgb(236, 192, 84) }
```

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

Here you see how a box with a 4 pixel rgb(236, 192, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 192, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 192, 84);  
box-shadow:4px 4px 4px 4px rgb(236, 192,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0419, 56.1722, 16.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 192, 84) }
```

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

```
.background{ background-color: rgb(236,  
192, 84) }
```

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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