

Converting Colors

XYZ(56.6484, 59.1438, 25.5697)

Have a look what the booklet for
XYZ(56.6484, 59.1438, 25.5697)
contains.

XYZ(56.6484, 59.1438, 25.5697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6484, 59.1438,
25.5697)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C776
RGB	231, 199, 118
RGB Percent	91%, 78%, 46%
CMY	0.0941, 0.2196, 0.5372
CMYK	0.00, 0.14, 0.49, 0.09
HSL	43°, 70%, 68%
HSV	43°, 49%, 91%
XYZ	56.6484, 59.1438, 25.5697
YIQ	199.3340, 45.0730, -18.4070

Conversions

Conversions Part 2

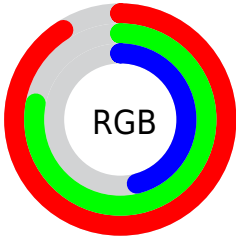
Format	Color
R_{YB}	163, 231, 118
Decimal	15189878
CIE _{Lab}	81.37, 1.08, 44.49
CIE _{LCh}	81, 44.502, 88.613
Yxy	59.1438, 0.4007, 0.4184
Android (android.graphics.Color)	4293379958 (0xFFE7C776)
YUV	199.3340, -40.0977, 27.7711
Hunter-Lab	76.9050, -3.1003, 34.1205

Details

The XYZ color **56.6484, 59.1438, 25.5697** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.8009, 31.4325, 79.9392**, and the grayscale version is **54.7107, 57.5599, 62.6827**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **28.3721, 29.5403, 9.5167** is the 20% darker color. If you saturate the color by 10%, you get **53.9680, 55.7174, 18.7133**, and if you desaturate by 10%, it is **59.7325, 62.8396, 34.2202**.

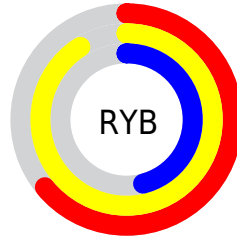
Distribution



Red (91%)

Green (78%)

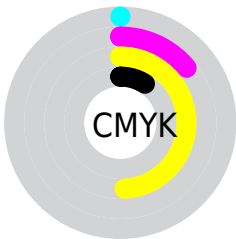
Blue (46%)



Red (64%)

Yellow (91%)

Blue (46%)

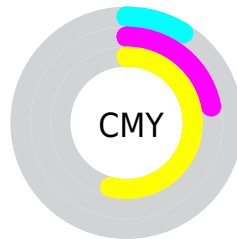


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (9%)



Cyan (9%)

Magenta (22%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6484, 59.1438, 25.5697 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 56.6484, 59.1438, 25.5697 by changing the saturation by 10% instead.

■ 56.6484, 59.1438,
25.5697

■ 56.6484, 59.1438,
25.5697

402.1660,
421.4346, 294.2013

■ 40.9621, 42.7289,
16.2791

■ 99.0863, 103.5866,
53.5555

■ 28.4770, 29.6725,
9.5654

■ 126.5686,
132.3833, 73.0878

■ 18.8278, 19.5901,
5.0100

■ 158.7135,
166.0761, 96.8711

■ 11.6492, 12.0974,
2.1943

195.8865,
205.0493, 125.3239

■ 6.5758, 6.8101,
0.6711

238.4529,
249.6874, 158.8648

■ 3.2422, 3.3436,
0.0000

286.7781,

■ 1.2831, 1.3136,

300.3747, 197.9123

0.0000

341.2273,
357.4956, 242.8849

■ 0.1705, 0.1517,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6484, 59.1438,
25.5697

■ 56.6484, 59.1438,
25.5697

■ 53.9680, 55.7174,
18.7133

■ 59.7325, 62.8396,
34.2202

■ 51.6613, 52.5405,
13.5156


■ 63.2392, 66.8069,
44.7797


■ 49.7003, 49.6028,
9.8277


■ 67.1913, 71.0584,
57.3577


■ 48.0507, 46.8893,
7.4721


■ 71.6084, 75.6032,
72.0544


 46.6602, 44.3775,
6.1783


 76.5092, 80.4498,
88.9632

 46.5177, 44.1145,
6.0632

 81.6518, 85.5027,
106.8079

 83.5934, 89.3859,
107.4551

 85.6050, 93.4091,
108.1256

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



66.0513, 59.1438, 29.8265



56.6484, 59.1438, 25.5697



48.0786, 59.1438, 29.0905

Triad

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



56.6484, 59.1438, 25.5697



41.9324, 59.1438, 92.1672



72.9028, 59.1438, 94.9213

Complementary

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



56.6484, 59.1438, 25.5697



32.8009, 31.4325, 79.9392

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.



65.2199, 59.1438, 120.6285



56.6484, 59.1438, 25.5697



47.4062, 59.1438, 118.7544

Square

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



56.6484, 59.1438, 25.5697



40.1660, 59.1438, 63.1657



55.7826, 59.1438, 130.3599



76.0527, 59.1438, 65.6453

Rectangle

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



56.6484, 59.1438, 25.5697



43.8375, 59.1438, 36.1265



55.7826, 59.1438, 130.3599



70.7258, 59.1438, 104.5364

Sweetspot

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



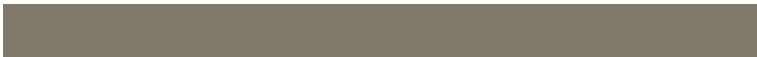
56.6498, 59.1466, 25.5709



86.1338, 91.0606, 78.5120



44.9400, 32.1488, 32.6986



18.1914, 19.2365, 15.9979



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.



56.6498, 59.1466, 25.5709



67.4110, 69.5592, 23.1170



57.4432, 71.6555, 27.9435



15.2387, 16.0912, 15.2072



26.1891, 24.9523, 3.4360



2.0132, 1.9997, 0.2799

Inverse Universe

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



32.8009, 31.4325, 79.9392



34.2796, 31.1094, 98.8057



32.1412, 24.5207, 78.6399



13.9135, 14.5483, 18.2191



9.2500, 5.5621, 42.9692



0.7606, 0.5651, 3.2009

Previews

White Background



This preview shows how the XYZ color 56.6484, 59.1438, 25.5697 looks on a white background.

Color Contrast Check

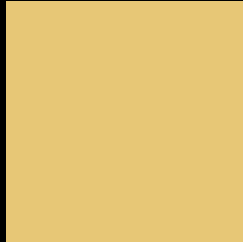
Large Text (above 18pt) WCAG AA × Fail

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 56.6484, 59.1438, 25.5697 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 56.6484, 59.1438, 25.5697

Background



This preview shows how black text looks on a background with the XYZ color 56.6484, 59.1438, 25.5697.



This preview shows how white text looks on a background with the XYZ color 56.6484, 59.1438,

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

56.6484, 59.1438, 25.5697

Protanopia

54.5745, 59.1026, 25.9843

Deuteranopia

60.4058, 59.0647, 25.6697



Tritanopia

64.5737, 59.0577, 64.4958

Trichromacy



Original Color

56.6484, 59.1438, 25.5697

Protanomaly

55.2678, 59.1127, 25.9497

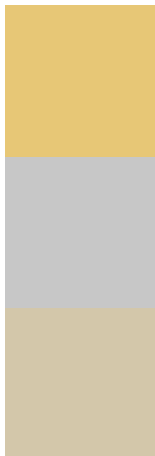
Deuteranomaly

59.1205, 59.0629, 25.7371

Tritanomaly

61.1084, 58.9514, 47.1877

Monochromacy



Original Color

56.6484, 59.1438, 25.5697

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5431, 57.5980, 46.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6484, 59.1438, 25.5697 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(231, 199, 118)` looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 118)  
}
```

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(231, 199, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 118) }
```

Border

The CSS property to change the border of an element to XYZ 56.6484, 59.1438, 25.5697 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(231, 199, 118) }
```


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

```
.border{ border-color:rgb(231, 199, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 118);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6484, 59.1438, 25.5697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 118) }
```

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

```
.background{ background-color: rgb(231,  
199, 118) }
```

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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