

Converting Colors

XYZ(56.7221, 59.5126, 24.8722)

Have a look what the booklet for
XYZ(56.7221, 59.5126, 24.8722)
contains.

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Color

**XYZ(56.7617, 59.5584,
25.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C874
RGB	231, 200, 116
RGB Percent	91%, 78%, 45%
CMY	0.0941, 0.2157, 0.5451
CMYK	0.00, 0.13, 0.50, 0.09
HSL	44°, 71%, 68%
HSV	44°, 50%, 91%
XYZ	56.7617, 59.5584, 25.0273
YIQ	199.6930, 45.4400, -19.5520

Conversions

Conversions Part 2

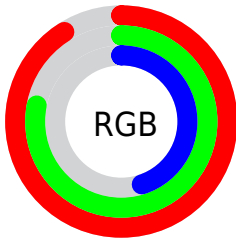
Format	Color
RYB	158, 231, 116
Decimal	15190132
CIELab	81.60, 0.38, 45.76
CIElCh	82, 45.760, 89.525
Yxy	59.5584, 0.4016, 0.4214
Android (android.graphics.Color)	4293380212 (0xFFE7C874)
YUV	199.6930, -41.2606, 27.4562
Hunter-Lab	77.1741, -3.7675, 34.7943

Details

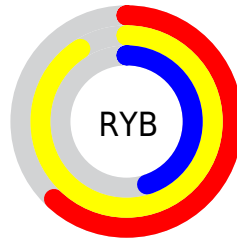
The XYZ color **56.7617, 59.5584, 25.0273** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.0598, 30.3491, 79.7694**, and the grayscale version is **54.9383, 57.7993, 62.9435**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **28.4666, 29.8237, 9.2572** is the 20% darker color. If you saturate the color by 10%, you get **54.1693, 56.2632, 18.3382**, and if you desaturate by 10%, it is **59.7498, 63.1103, 33.4978**.

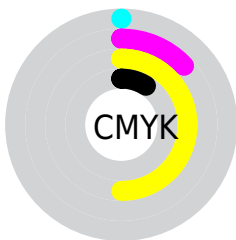
Distribution



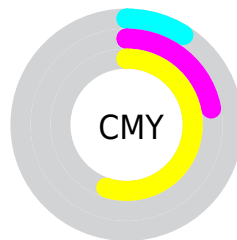
- Red (91%)
- Green (78%)
- Blue (45%)



- Red (62%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7617, 59.5584, 25.0273 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 56.7617, 59.5584, 25.0273 by changing the saturation by 10% instead.

■ 56.7617, 59.5584,
25.0273

■ 56.7617, 59.5584,
25.0273

402.5844,
422.9681, 291.4259

■ 41.0533, 43.0628,
15.8782

■ 99.2508, 104.1888,
52.6662

■ 28.5486, 29.9344,
9.2846

■ 126.7622,
133.0924, 71.9930

■ 18.8822, 19.7888,
4.8279

■ 158.9386,
166.9008, 95.5495

■ 11.6887, 12.2416,
2.0897

196.1455,
205.9983, 123.7542

■ 6.6027, 6.9084,
0.6096

238.7482,
250.7694, 157.0257

■ 3.2590, 3.4049,
0.0000

287.1120,

■ 1.2922, 1.3466,

301.5985, 195.7824

0.0000

341.6023,
358.8699, 240.4430

■ 0.1774, 0.1769,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7617, 59.5584,
25.0273

■ 56.7617, 59.5584,
25.0273

■ 54.1693, 56.2632,
18.3382

■ 59.7498, 63.1103,
33.4978

■ 51.9423, 53.2048,
13.2936


■ 63.1526, 66.9209,
43.8654


■ 50.0528, 50.3731,
9.7429


■ 66.9929, 71.0026,
56.2405


■ 48.4656, 47.7530,
7.5055


■ 71.2905, 75.3643,
70.7238


 47.1227, 45.3200,
6.2784


 76.0637, 80.0145,
87.4093

 47.0948, 45.2686,
6.2555

 81.3299, 84.9611,
106.3852

 83.2315, 88.6621,
107.3345

 85.1325, 92.4640,
107.9681

 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



66.5037, 59.5584, 29.1038



56.7617, 59.5584, 25.0273



47.9841, 59.5584, 28.8476

Triad

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



56.7617, 59.5584, 25.0273



42.0077, 59.5584, 94.5715



74.0689, 59.5584, 95.5514

Complementary

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



56.7617, 59.5584, 25.0273



32.0598, 30.3491, 79.7694

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.



66.2089, 59.5584, 122.6370



56.7617, 59.5584, 25.0273



47.7470, 59.5584, 121.9678

Square

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



56.7617, 59.5584, 25.0273



40.0724, 59.5584, 64.4115



56.4555, 59.5584, 133.4436



77.1632, 59.5584, 65.2884

Rectangle

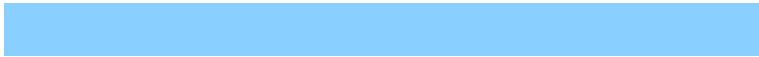
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7617, 59.5584, 25.0273



43.6868, 59.5584, 36.2125



56.4555, 59.5584, 133.4436



71.8557, 59.5584, 105.6097

Sweetspot

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



56.7631, 59.5612, 25.0285



86.2909, 91.3747, 78.5643



44.5924, 31.6370, 32.0167



18.2294, 19.3125, 16.0106



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.



56.7631, 59.5612, 25.0285



67.6250, 70.1929, 22.5547



57.2053, 71.5466, 27.3186



15.2558, 16.1256, 15.2129



26.5098, 25.5937, 3.5429



2.0348, 2.0428, 0.2871

Inverse Universe

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



32.0598, 30.3491, 79.7694



33.3875, 29.7608, 98.5924



31.6402, 23.9165, 78.5499



13.8973, 14.5159, 18.2137



9.1476, 5.3573, 42.9351



0.7512, 0.5463, 3.1978

Previews

White Background



This preview shows how the XYZ color 56.7617, 59.5584, 25.0273 looks on a white background.

Color Contrast Check

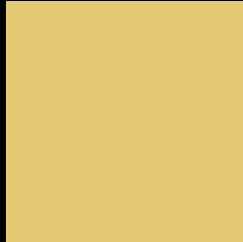
Large Text (above 18pt) WCAG AA × Fail

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 56.7617, 59.5584, 25.0273 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 56.7617, 59.5584, 25.0273

Background



This preview shows how black text looks on a background with the XYZ color 56.7617, 59.5584, 25.0273.



This preview shows how white text looks on a background with the XYZ color 56.7617, 59.5584,

25.0273.

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

56.7617, 59.5584, 25.0273

Protanopia

54.9982, 59.6842, 25.4511

Deuteranopia

60.8604, 59.6421, 25.1340



Tritanopia

64.9091, 59.5373, 65.1975

Trichromacy



Original Color

56.7617, 59.5584, 25.0273

Protanomaly

55.6954, 59.6942, 25.4163

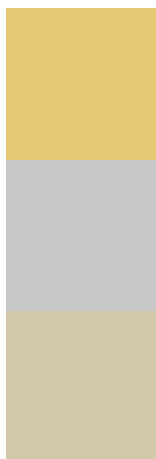
Deuteranomaly

59.2264, 59.4650, 25.1859

Tritanomaly

61.3303, 59.3950, 47.2617

Monochromacy



Original Color

56.7617, 59.5584, 25.0273

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6797, 58.0220, 45.8536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7617, 59.5584, 25.0273 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, 200, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 116)  
}
```

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, 200, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 116) }
```

Border

The CSS property to change the border of an element to XYZ 56.7617, 59.5584, 25.0273 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, 200, 116) }
```


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

```
.border{ border-color:rgb(231, 200, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 200, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 200, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 200, 116); box-shadow:4px 4px 4px 4px rgb(231, 200, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7617, 59.5584, 25.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 116) }
```

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

```
.background{ background-color: rgb(231,  
200, 116) }
```

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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