

Converting Colors

XYZ(56.5664, 58.8949, 19.4528)

Have a look what the booklet for
XYZ(56.5664, 58.8949, 19.4528)
contains.

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Color

**XYZ(56.5664, 58.8949,
19.4528)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC660
RGB	235, 198, 96
RGB Percent	92%, 78%, 38%
CMY	0.0784, 0.2235, 0.6235
CMYK	0.00, 0.16, 0.59, 0.08
HSL	44°, 78%, 65%
HSV	44°, 59%, 92%
XYZ	56.5664, 58.8949, 19.4528
YIQ	197.4350, 54.7940, -23.8780

Conversions

Conversions Part 2

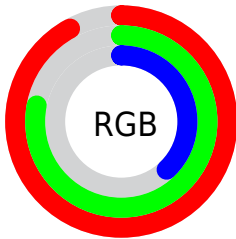
Format	Color
R_{YB}	146, 235, 96
Decimal	15451744
CIE _{Lab}	81.23, 1.46, 55.00
CIE _{LCh}	81, 55.021, 88.476
Yxy	58.8949, 0.4193, 0.4365
Android (android.graphics.Color)	4293641824 (0xFFEBC660)
YUV	197.4350, -50.0075, 32.9445
Hunter-Lab	76.7430, -2.7300, 38.6913

Details

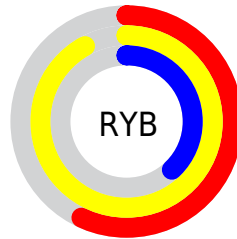
The XYZ color **56.5664, 58.8949, 19.4528** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.2065, 25.2591, 81.9858**, and the grayscale version is **53.6053, 56.3970, 61.4163**.

A 20% lighter version of the original color is **82.1066, 94.3135, 42.3106**, and **28.3138, 29.3510, 6.4585** is the 20% darker color. If you saturate the color by 10%, you get **54.2422, 55.7270, 14.1148**, and if you desaturate by 10%, it is **59.2758, 62.3159, 26.5155**.

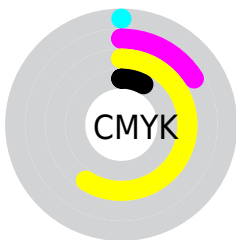
Distribution



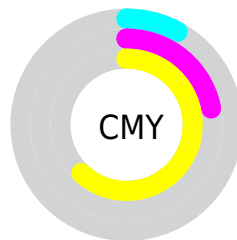
- Red (92%)
- Green (78%)
- Blue (38%)



- Red (57%)
- Yellow (92%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5664, 58.8949, 19.4528 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 56.5664, 58.8949, 19.4528 by changing the saturation by 10% instead.


 56.5664, 58.8949,
19.4528

 56.5664, 58.8949,
19.4528


401.8631,
420.5123, 261.4427

 40.8960, 42.5285,
11.8178


 98.9672, 103.2249,
43.3447


 28.4251, 29.5154,
6.4987


 126.4284,
131.9573, 60.4386

 18.7885, 19.4710,
3.0770


 158.5505,
165.5805, 81.5227

 11.6206, 12.0111,
1.1341

 195.6990,
204.4789, 107.0153

 6.5563, 6.7513,
0.0000

238.2391,
249.0369, 137.3351

 3.2300, 3.3070,
0.0000

286.5362,

 1.2765, 1.2940,

299.6389, 172.9005

0.0000

340.9558,
356.6692, 214.1302

■ 0.1656, 0.1366,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5664, 58.8949,
19.4528

■ 56.5664, 58.8949,
19.4528

■ 54.2422, 55.7270,
14.1148

■ 59.2758, 62.3159,
26.5155

■ 52.2685, 52.7903,
10.3408


■ 62.3929, 65.9933,
35.4372

■ 50.6106, 50.0722,
7.9458


■ 65.9435, 69.9407,
46.3430


■ 49.2132, 47.5493,
6.6416


■ 69.9494, 74.1680,
59.3459


 49.1002, 47.3409,
6.5498

 74.4314, 78.6845,
74.5505

 79.4083, 83.4988,
92.0544

 83.9996, 88.2597,
107.2163

 85.8910, 92.0424,
107.8468

 87.8466, 95.9537,
108.4986

Harmonies

Analogous

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



68.3144, 58.8949, 23.9587



56.5664, 58.8949, 19.4528



46.1107, 58.8949, 23.0979

Triad

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



56.5664, 58.8949, 19.4528



38.7489, 58.8949, 99.1866



76.9520, 58.8949, 103.1288

Complementary

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



56.5664, 58.8949, 19.4528



28.2065, 25.2591, 81.9858

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.



67.1608, 58.8949, 137.1785



56.5664, 58.8949, 19.4528



45.2238, 58.8949, 134.4086

Square

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



56.5664, 58.8949, 19.4528



36.7050, 58.8949, 62.4614



55.3934, 58.8949, 150.2155



81.0351, 58.8949, 65.8210

Rectangle

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



56.5664, 58.8949, 19.4528



41.0414, 58.8949, 30.7158



55.3934, 58.8949, 150.2155



74.1587, 58.8949, 115.7517

Sweetspot

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



56.5678, 58.8977, 19.4540



84.7470, 89.8403, 73.2608



42.6823, 27.7237, 25.3168



17.8214, 18.9013, 14.6265



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.



56.5678, 58.8977, 19.4540



64.7422, 66.2895, 15.8526



56.3305, 72.8968, 22.1686



15.9931, 16.9093, 15.9396



27.4368, 26.5677, 3.6820



2.2326, 2.2426, 0.3152

Inverse Universe

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



28.2065, 25.2591, 81.9858



27.8464, 22.6263, 97.5074



28.1462, 18.9874, 80.7784



14.5573, 15.2010, 19.0891



9.4102, 5.4674, 44.3023



0.8158, 0.5830, 3.5044

Previews

White Background



This preview shows how the XYZ color 56.5664, 58.8949, 19.4528 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 56.5664, 58.8949, 19.4528 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 56.5664, 58.8949, 19.4528

Background



This preview shows how black text looks on a background with the XYZ color 56.5664, 58.8949, 19.4528.



This preview shows how white text looks on a background with the XYZ color 56.5664, 58.8949,

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

56.5664, 58.8949, 19.4528

Protanopia

54.0187, 58.9514, 19.8409

Deuteranopia

60.0742, 58.7021, 19.4736



Tritanopia

65.6212, 58.9908, 63.1861

Trichromacy



Original Color

56.5664, 58.8949, 19.4528

Protanomaly

55.0392, 59.1303, 19.8217

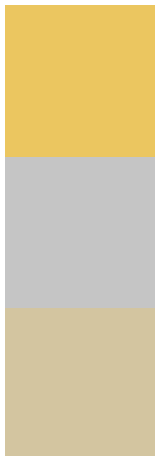
Deuteranomaly

58.7577, 58.6797, 19.5387

Tritanomaly

61.5173, 58.6067, 42.7202

Monochromacy



Original Color

56.5664, 58.8949, 19.4528

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1754, 56.3195, 41.3258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5664, 58.8949, 19.4528 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(235, 198, 96)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 96)  
}
```

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(235, 198, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 96) }
```

Border

The CSS property to change the border of an element to XYZ 56.5664, 58.8949, 19.4528 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(235, 198, 96) }
```


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

```
.border{ border-color:rgb(235, 198, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 96);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5664, 58.8949, 19.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 96) }
```

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

```
.background{ background-color: rgb(235,  
198, 96) }
```

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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