

Converting Colors

XYZ(53.6739, 57.4631, 9.0480)

Have a look what the booklet for
XYZ(53.6739, 57.4631, 9.0480)
contains.

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Color

**XYZ(53.9530, 57.7737,
9.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C617
RGB	233, 198, 23
RGB Percent	91%, 78%, 9%
CMY	0.0863, 0.2235, 0.9098
CMYK	0.00, 0.15, 0.90, 0.09
HSL	50°, 83%, 50%
HSV	50°, 90%, 91%
XYZ	53.9530, 57.7737, 9.1184
YIQ	188.5150, 77.0350, -47.0050

Conversions

Conversions Part 2

Format	Color
R _Y B	65, 233, 23
Decimal	15320599
CIE Lab	80.61, -2.44, 79.07
CIE LCh	81, 79.110, 91.767
Yxy	57.7737, 0.4465, 0.4781
Android (android.graphics.Color)	4293510679 (0xFFE9C617)
YUV	188.5150, -81.5989, 39.0133
Hunter-Lab	76.0090, -6.3122, 46.0936

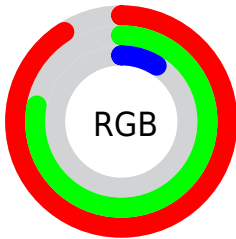
Details

The XYZ color **53.9530, 57.7737, 9.1184** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **16.5748, 9.0921, 77.9715**, and the grayscale version is **48.5150, 51.0416, 55.5843**.

A 20% lighter version of the original color is **78.6136, 92.9163, 23.9165**, and **27.1387, 29.0215, 4.1713** is the 20% darker color. If you saturate the color by 10%, you get **52.9340, 55.9835, 8.0160**, and if you desaturate by 10%, it is **55.1978, 59.7123, 11.2335**.

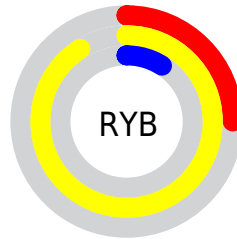
Distribution



Red (91%)

Green (78%)

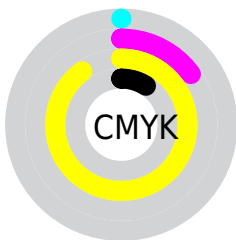
Blue (9%)



Red (25%)

Yellow (91%)

Blue (9%)

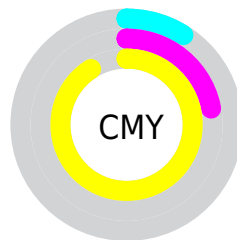


Cyan (0%)

Magenta (15%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9530, 57.7737, 9.1184 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 53.9530, 57.7737, 9.1184 by changing the saturation by 10% instead.

■ 53.9530, 57.7737,
9.1184

■ 53.9530, 57.7737,
9.1184

392.1320,
416.3422, 194.5092

■ 38.7946, 41.6267,
4.7206

■ 95.1625, 101.5932,
24.7049

■ 26.7800, 28.8091,
2.0284

■ 121.9444,
130.0346, 36.7307

■ 17.5438, 18.9365,
0.5727

■ 153.3314,
163.3429, 52.1362

■ 10.7206, 11.6244,
0.0000

■ 189.6890,
201.9025, 71.3401

■ 5.9452, 6.4885,
0.0000

■ 231.3825,
246.0979, 94.7608

■ 2.8521, 3.1443,
0.0000

■ 278.7773,

■ 1.0761, 1.2075,

296.3133, 122.8168

0.0000

332.2387,
352.9333, 155.9268

■ 0.0049, 0.0678,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9530, 57.7737,
9.1184

■ 53.9530, 57.7737,
9.1184

■ 52.9340, 55.9835,
8.0160

■ 55.1978, 59.7123,
11.2335

■ 56.7137, 61.7937,
14.6686

■ 58.5373, 64.0351,
19.6103

■ 60.6984, 66.4487,
26.2144

■ 63.2230, 69.0452,
34.6175

■ 66.1345, 71.8341,
44.9417

■ 69.4542, 74.8243,
57.2985

■ 73.2019, 78.0238,
71.7911

■ 77.3958, 81.4404,
88.5152

Harmonies

Analogous

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



71.0869, 57.7737, 12.3742



53.9530, 57.7737, 9.1184



40.0294, 57.7737, 13.3325

Triad

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



53.9530, 57.7737, 9.1184



32.3713, 57.7737, 122.8713



87.3559, 57.7737, 115.5437

Complementary

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



53.9530, 57.7737, 9.1184



16.5748, 9.0921, 77.9715

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.



73.0904, 57.7737, 174.0150



53.9530, 57.7737, 9.1184



41.3983, 57.7737, 179.5170

Square

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



53.9530, 57.7737, 9.1184



29.1957, 57.7737, 65.7095



55.8826, 57.7737, 201.7433



92.5075, 57.7737, 60.1829

Rectangle

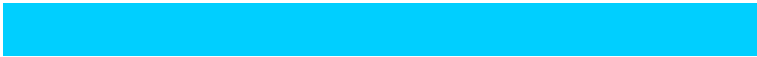
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9530, 57.7737, 9.1184



33.8158, 57.7737, 22.1444



55.8826, 57.7737, 201.7433



83.3448, 57.7737, 136.2718

Sweetspot

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



53.9543, 57.7765, 9.1195



82.3273, 89.2284, 59.4217



34.6746, 18.2424, 5.6979



17.3362, 18.8359, 11.6747



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.



53.9543, 57.7765, 9.1195



64.9102, 68.6005, 9.8201



44.3984, 66.1261, 11.2348



16.1259, 17.1748, 15.9839



30.1150, 31.9242, 4.5748



2.4215, 2.6203, 0.3781

Inverse Universe

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



16.5748, 9.0921, 77.9715



18.8956, 8.9112, 95.3319



19.5295, 8.8240, 77.7640



14.4340, 14.9545, 19.0480



8.8142, 4.2755, 44.1036



0.7522, 0.4559, 3.4832

Previews

White Background



This preview shows how the XYZ color 53.9530, 57.7737, 9.1184 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 53.9530, 57.7737, 9.1184 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 53.9530, 57.7737, 9.1184

Background



This preview shows how black text looks on a background with the XYZ color 53.9530, 57.7737, 9.1184.

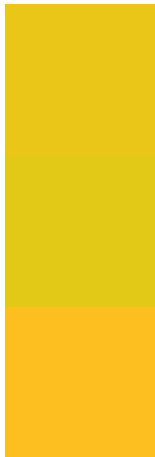


This preview shows how white text looks on a background with the XYZ color 53.9530, 57.7737,

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

53.9530, 57.7737, 9.1184

Protanopia

52.4155, 58.0080, 9.2982

Deuteranopia

59.1688, 57.8085, 9.3359



Tritanopia

64.6418, 57.5913, 61.1353

Trichromacy



Original Color

53.9530, 57.7737, 9.1184

Protanomaly

53.1322, 58.0325, 9.2652

Deuteranomaly

57.2856, 57.8166, 9.2391

Tritanomaly

58.4359, 56.6417, 30.4073

Monochromacy



Original Color

53.9530, 57.7737, 9.1184

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9889, 52.2634, 28.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9530, 57.7737, 9.1184 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(233, 198, 23)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 23)  
}
```

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(233, 198, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 23) }
```

Border

The CSS property to change the border of an element to XYZ 53.9530, 57.7737, 9.1184 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(233, 198, 23) }
```


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

```
.border{ border-color:rgb(233, 198, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 198, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 23);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9530, 57.7737, 9.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 23) }
```

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

```
.background{ background-color: rgb(233,  
198, 23) }
```

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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