

Converting Colors

XYZ(57.4004, 53.5138, 7.5236)

Have a look what the booklet for
XYZ(57.4004, 53.5138, 7.5236)
contains.

XYZ(57.4039, 53.5177, 7.5342)	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(57.4039, 53.5177,
7.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB308
RGB	255, 179, 8
RGB Percent	100%, 70%, 3%
CMY	0.0000, 0.2980, 0.9685
CMYK	0.00, 0.30, 0.97, 0.00
HSL	42°, 100%, 52%
HSV	42°, 97%, 100%
XYZ	57.4039, 53.5177, 7.5342
YIQ	182.2300, 100.1870, -37.0690

Conversions

Conversions Part 2

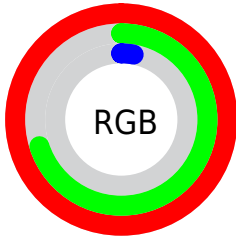
Format	Color
R _Y B	118, 255, 8
Decimal	16757512
CIE Lab	78.18, 16.69, 80.27
CIE LCh	78, 81.988, 78.252
Yxy	53.5177, 0.4846, 0.4518
Android (android.graphics.Color)	4294947592 (0xFFFFB308)
YUV	182.2300, -85.8954, 63.8193
Hunter-Lab	73.1558, 12.0428, 45.1029

Details

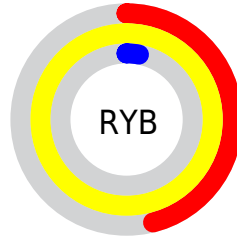
The XYZ color **57.4039, 53.5177, 7.5342** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **21.3215, 13.6142, 96.1109**, and the grayscale version is **45.0070, 47.3509, 51.5651**.

A 20% lighter version of the original color is **72.5486, 81.3168, 20.2595**, and **29.3276, 26.3852, 3.5471** is the 20% darker color. If you saturate the color by 10%, you get **56.8709, 52.5224, 7.1404**, and if you desaturate by 10%, it is **59.2607, 56.8509, 9.3273**.

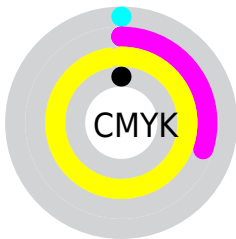
Distribution



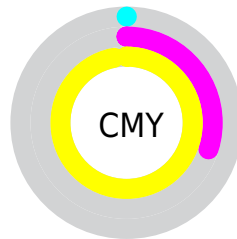
- Red (100%)
- Green (70%)
- Blue (3%)



- Red (46%)
- Yellow (100%)
- Blue (3%)



- Cyan (0%)
- Magenta (30%)
- Yellow (97%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4039, 53.5177, 7.5342 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 57.4039, 53.5177, 7.5342 by changing the saturation by 10% instead.


 57.4039, 53.5177,
7.5342


 57.4039, 53.5177,
7.5342


404.9508,
400.2682, 181.8274

 41.5710, 38.2162,
3.7149


 100.1823, 95.3657,
21.5710


 28.9552, 26.1505,
1.4703


 127.8584,
122.6810, 32.6256

 19.1910, 16.9363,
0.1956


 160.2131,
154.7698, 46.9290

 11.9132, 10.1891,
0.0000

 197.6115,
192.0163, 64.8997

 6.7564, 5.5245,
0.0000

 240.4192,
234.8050, 86.9564

 3.3552, 2.5582,
0.0000

 289.0014,

 1.3443, 0.9057,

283.5203, 113.5176

0.0000

343.7235,
338.5465, 145.0018

■ 0.2160, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4039, 53.5177,
7.5342

■ 57.4039, 53.5177,
7.5342

■ 56.8709, 52.5224,
7.1404

■ 59.2607, 56.8509,
9.3273

■ 61.4773, 60.4712,
12.5723

■ 64.1089, 64.4053,
17.5472

■ 67.1984, 68.6725,
24.4709

70.7824, 73.2895,
33.5297

74.8933, 78.2715,
44.8879

79.5605, 83.6322,
58.6938

84.8109, 89.3845,
75.0831

90.6696, 95.5404,
94.1815

Harmonies

Analogous

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



74.2724, 53.5177, 14.1103



57.4039, 53.5177, 7.5342



41.8120, 53.5177, 8.2165

Triad

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



57.4039, 53.5177, 7.5342



26.8525, 53.5177, 90.5183



77.5001, 53.5177, 139.0190

Complementary

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



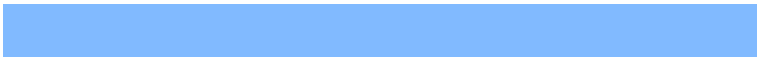
57.4039, 53.5177, 7.5342



21.3215, 13.6142, 96.1109

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.



61.1431, 53.5177, 188.7182



57.4039, 53.5177, 7.5342



32.9812, 53.5177, 152.0483

Square

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



57.4039, 53.5177, 7.5342



26.2657, 53.5177, 42.0839



44.8462, 53.5177, 194.4485



87.4014, 53.5177, 78.1547

Rectangle

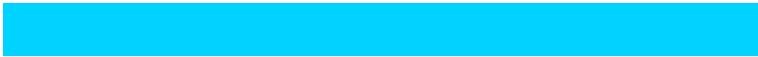
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4039, 53.5177, 7.5342



34.0721, 53.5177, 12.8077



44.8462, 53.5177, 194.4485



72.4337, 53.5177, 158.7043

Sweetspot

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



57.4051, 53.5204, 7.5352



78.5117, 82.4504, 55.5195



43.0157, 22.1095, 10.8532



16.3749, 17.1558, 10.6067



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.



57.4051, 53.5204, 7.5352



56.8714, 52.5229, 7.1405



62.3022, 85.1975, 13.3914



19.0619, 20.0921, 19.0178



29.8551, 27.7214, 3.7772



3.0038, 2.8931, 0.4001

Inverse Universe

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



21.3215, 13.6142, 96.1109



20.8072, 12.7344, 95.9691



19.6209, 8.1591, 95.1476



17.4588, 18.2892, 22.8599



10.9875, 6.8846, 50.1843



1.1617, 0.8542, 4.9169

Previews

White Background



This preview shows how the XYZ color 57.4039, 53.5177, 7.5342 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 57.4039, 53.5177, 7.5342 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 57.4039, 53.5177, 7.5342

Background



This preview shows how black text looks on a background with the XYZ color 57.4039, 53.5177, 7.5342.



This preview shows how white text looks on a background with the XYZ color 57.4039, 53.5177,

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

57.4039, 53.5177, 7.5342

Protanopia

48.6144, 53.6873, 8.3727

Deuteranopia

54.7967, 53.6935, 7.4758



Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

57.4039, 53.5177, 7.5342

Protanomaly

51.5556, 53.5827, 8.0407

Deuteranomaly

55.8113, 53.6022, 7.4908

Tritanomaly

59.4536, 52.4551, 24.1309

Monochromacy



Original Color

57.4039, 53.5177, 7.5342

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1481, 47.9350, 24.2729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4039, 53.5177, 7.5342 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(255, 179, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 8)  
}
```

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(255, 179, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 8) }
```

Border

The CSS property to change the border of an element to XYZ 57.4039, 53.5177, 7.5342 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(255, 179, 8) }
```


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

```
.border{ border-color:rgb(255, 179, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4039, 53.5177, 7.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 8) }
```

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

```
.background{ background-color: rgb(255,  
179, 8) }
```

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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