

Converting Colors

XYZ(54.6072, 53.3585, 7.6319)

Have a look what the booklet for
XYZ(54.6072, 53.3585, 7.6319)
contains.

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Color

**XYZ(54.6280, 53.2948,
7.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B707
RGB	245, 183, 7
RGB Percent	96%, 72%, 3%
CMY	0.0392, 0.2823, 0.9725
CMYK	0.00, 0.25, 0.97, 0.04
HSL	44°, 94%, 49%
HSV	44°, 97%, 96%
XYZ	54.6280, 53.2948, 7.6087
YIQ	181.4740, 93.4480, -41.5920

Conversions

Conversions Part 2

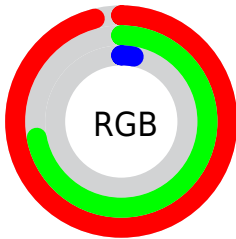
Format	Color
R _Y B	91, 245, 7
Decimal	16103175
CIE Lab	78.05, 10.33, 79.77
CIE LCh	78, 80.441, 82.620
Yxy	53.2948, 0.4728, 0.4613
Android (android.graphics.Color)	4294293255 (0xFFFF5B707)
YUV	181.4740, -86.0157, 55.7123
Hunter-Lab	73.0033, 5.8149, 44.9229

Details

The XYZ color **54.6280, 53.2948, 7.6087** 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 **18.6979, 10.8954, 87.5029**, and the grayscale version is **44.5968, 46.9193, 51.0951**.

A 20% lighter version of the original color is **73.7067, 83.6331, 20.6455**, and **27.5111, 26.0325, 3.5748** is the 20% darker color. If you saturate the color by 10%, you get **54.2160, 52.5327, 7.2823**, and if you desaturate by 10%, it is **56.1914, 56.0767, 9.1947**.

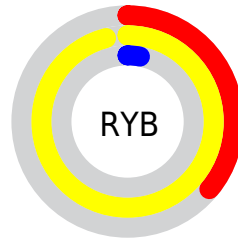
Distribution



Red (96%)

Green (72%)

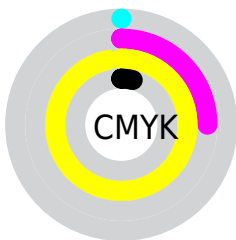
Blue (3%)



Red (36%)

Yellow (96%)

Blue (3%)

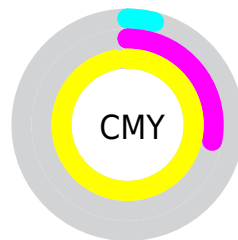


Cyan (0%)

Magenta (25%)

Yellow (97%)

Black (4%)



Cyan (4%)

Magenta (28%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6280, 53.2948, 7.6087 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 54.6280, 53.2948, 7.6087 by changing the saturation by 10% instead.

54.6280, 53.2948,
7.6087

54.6280, 53.2948,
7.6087

394.6596,
399.4151, 182.4483

39.3366, 38.0382,
3.7614

96.1472, 95.0380,
21.7211

27.2036, 26.0123,
1.4954

123.1058,
122.2934, 32.8232

17.8636, 16.8328,
0.2145

154.6841,
154.3171, 47.1808

10.9512, 10.1154,
0.0000

191.2475,
191.4936, 65.2123

6.1011, 5.4755,
0.0000

233.1614,
234.2073, 87.3362

2.9479, 2.5289,
0.0000

280.7912,

1.1263, 0.8911,

282.8425, 113.9712

0.0000

334.5021,
337.7836, 145.5357

■ 0.0469, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6280, 53.2948,
7.6087

■ 54.6280, 53.2948,
7.6087

■ 54.2160, 52.5327,
7.2823

■ 56.1914, 56.0767,
9.1947

■ 58.0584, 59.0746,
12.0863

■ 60.2795, 62.3121,
16.5406

■ 62.8931, 65.8057,
22.7565

■ 65.9322, 69.5698,
30.9032

■ 69.4256, 73.6170,
41.1301

■ 73.3996, 77.9590,
53.5717

■ 77.8783, 82.6066,
68.3511

■ 82.8839, 87.5697,
85.5825

Harmonies

Analogous

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



71.2560, 53.2948, 12.9013



54.6280, 53.2948, 7.6087



39.9197, 53.2948, 9.2435

Triad

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



54.6280, 53.2948, 7.6087



27.6072, 53.2948, 97.9859



78.5938, 53.2948, 127.8339

Complementary

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



54.6280, 53.2948, 7.6087



18.6979, 10.8954, 87.5029

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.



63.1609, 53.2948, 179.8232



54.6280, 53.2948, 7.6087



34.4650, 53.2948, 157.2604

Square

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



54.6280, 53.2948, 7.6087



26.2490, 53.2948, 47.6279



46.8797, 53.2948, 192.7197



86.8311, 53.2948, 69.8438

Rectangle

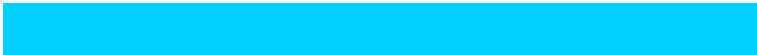
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.6280, 53.2948, 7.6087



32.8570, 53.2948, 14.8550



46.8797, 53.2948, 192.7197



73.9404, 53.2948, 147.6000

Sweetspot

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



54.6292, 53.2975, 7.6097



79.5053, 84.4376, 55.8507



38.8527, 20.0129, 7.6892



16.6146, 17.6352, 10.6866



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.



54.6292, 53.2975, 7.6097



59.3462, 57.4723, 7.9654



53.7937, 76.1987, 12.0741



17.5280, 18.5402, 17.4524



29.3258, 28.5372, 3.9626



2.6604, 2.6741, 0.3759

Inverse Universe

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



18.6979, 10.8954, 87.5029



20.0232, 11.1664, 95.7077



18.5786, 7.7868, 86.9092



15.9321, 16.6285, 20.9125



9.9560, 5.7058, 47.1146



0.9551, 0.6617, 4.1676

Previews

White Background



This preview shows how the XYZ color 54.6280, 53.2948, 7.6087 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 54.6280, 53.2948, 7.6087 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 54.6280, 53.2948, 7.6087

Background



This preview shows how black text looks on a background with the XYZ color 54.6280, 53.2948, 7.6087.



This preview shows how white text looks on a background with the XYZ color 54.6280, 53.2948,

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

54.6280, 53.2948, 7.6087

Protanopia

48.2915, 53.5235, 8.2378

Deuteranopia

54.2746, 53.1132, 7.5636



Tritanopia

63.7950, 53.2392, 51.7136

Trichromacy



Original Color

54.6280, 53.2948, 7.6087

Protanomaly

50.4747, 53.3474, 7.9846

Deuteranomaly

54.2746, 53.1132, 7.5636

Tritanomaly

58.4434, 52.5011, 24.5062

Monochromacy



Original Color

54.6280, 53.2948, 7.6087

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.8998, 47.6013, 23.9610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6280, 53.2948, 7.6087 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(245, 183, 7)` looks like.

```
.text, #text, p{  
    color:rgb(245, 183, 7)  
}
```

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(245, 183, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 183, 7) }
```

Border

The CSS property to change the border of an element to XYZ 54.6280, 53.2948, 7.6087 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(245, 183, 7) }
```


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

```
.border{ border-color:rgb(245, 183, 7) }
```

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

Here you see how a box with a 4 pixel rgb(245, 183, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 183, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 183, 7);  
box-shadow:4px 4px 4px 4px rgb(245, 183,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6280, 53.2948, 7.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 183, 7) }
```

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

```
.background{ background-color: rgb(245,  
183, 7) }
```

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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