

Converting Colors

XYZ(54.3131, 53.8875, 7.5387)

Have a look what the booklet for
XYZ(54.3131, 53.8875, 7.5387)
contains.

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Color

**XYZ(54.3111, 53.7526,
7.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B900
RGB	243, 185, 0
RGB Percent	95%, 73%, 0%
CMY	0.0471, 0.2745, 0.9999
CMYK	0.00, 0.24, 1.00, 0.05
HSL	46°, 100%, 48%
HSV	46°, 100%, 95%
XYZ	54.3111, 53.7526, 7.5128
YIQ	181.2520, 93.9530, -45.2390

Conversions

Conversions Part 2

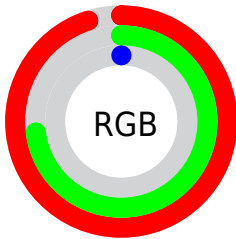
Format	Color
RYB	76, 243, 0
Decimal	15972608
CIELab	78.32, 8.37, 80.59
CIELCh	78, 81.019, 84.070
Yxy	53.7526, 0.4699, 0.4651
Android (android.graphics.Color)	4294162688 (0xFFFF3B900)
YUV	181.2520, -89.3572, 54.1530
Hunter-Lab	73.3162, 3.9258, 45.2458

Details

The XYZ color **54.3111, 53.7526, 7.5128** 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 **17.6915, 9.4986, 85.6943**, and the grayscale version is **44.4933, 46.8104, 50.9765**.

A 20% lighter version of the original color is **74.2566, 84.7951, 20.6370**, and **27.3073, 26.3263, 3.6422** is the 20% darker color. If you saturate the color by 10%, you get **54.3112, 53.7532, 7.5129**, and if you desaturate by 10%, it is **55.7187, 56.2990, 8.8118**.

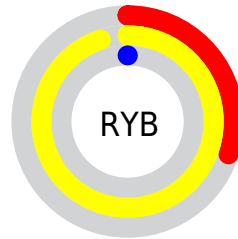
Distribution



Red (95%)

Green (73%)

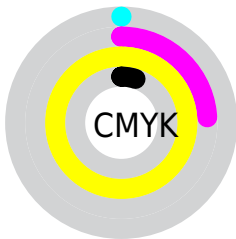
Blue (0%)



Red (30%)

Yellow (95%)

Blue (0%)

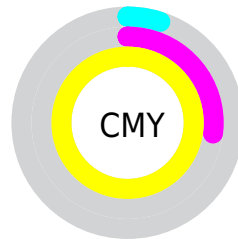


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3111, 53.7526, 7.5128 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 54.3111, 53.7526, 7.5128 by changing the saturation by 10% instead.

54.3111, 53.7526,
7.5128

54.3111, 53.7526,
7.5128

393.4742,
401.1659, 181.6486

39.0821, 38.4039,
3.7015

95.6851, 95.7109,
21.5278

27.0046, 26.2963,
1.4631

122.5608,
123.0893, 32.5687

17.7133, 17.0455,
0.1902

154.0494,
155.2464, 46.8565

10.8428, 10.2669,
0.0000

190.5164,
192.5665, 64.8098

6.0277, 5.5763,
0.0000

232.3270,
235.4342, 86.8471

2.9028, 2.5892,
0.0000

279.8466,

1.1026, 0.9212,

284.2337, 113.3870

0.0000

333.4406,
339.3495, 144.8480

■ 0.0273, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3111, 53.7526,
7.5128

■ 54.3111, 53.7526,
7.5128

■ 54.3112, 53.7532,
7.5129

■ 55.7187, 56.2990,
8.8118

■ 57.3852, 59.0269,
11.2327

■ 59.3777, 61.9663,
15.1207

■ 61.7358, 65.1338,
20.6814

■ 64.4929, 68.5436,
28.0880

■ 67.6782, 72.2084,
37.4914

■ 71.3179, 76.1394,
49.0273

■ 75.4360, 80.3470,
62.8192

■ 80.0545, 84.8410,
78.9812

Harmonies

Analogous

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



71.1914, 53.7526, 12.4264



54.3111, 53.7526, 7.5128



39.6173, 53.7526, 9.4797

Triad

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



54.3111, 53.7526, 7.5128



27.9681, 53.7526, 101.9477



80.0297, 53.7526, 126.3283

Complementary

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



54.3111, 53.7526, 7.5128



17.6915, 9.4986, 85.6943

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.



64.5884, 53.7526, 180.2422



54.3111, 53.7526, 7.5128



35.1810, 53.7526, 161.7821

Square

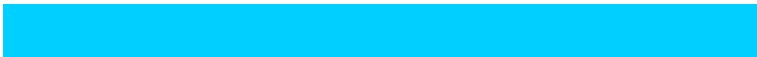
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3111, 53.7526, 7.5128



26.3330, 53.7526, 49.9476



47.9993, 53.7526, 195.7792



87.8921, 53.7526, 68.0375

Rectangle

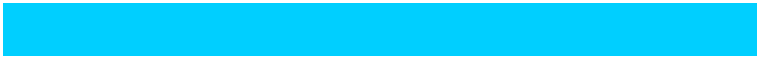
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3111, 53.7526, 7.5128



32.6537, 53.7526, 15.4895



47.9993, 53.7526, 195.7792



75.4166, 53.7526, 146.5629

Sweetspot

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



54.3123, 53.7553, 7.5138



79.5356, 84.9133, 54.5811



37.7981, 19.3894, 6.1321



16.6433, 17.7704, 10.4559



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.



54.3123, 53.7553, 7.5138



60.5626, 59.9052, 8.3709



51.4020, 74.0768, 11.5897



17.5599, 18.6040, 17.4630



29.9177, 29.7210, 4.1599



2.7081, 2.7695, 0.3918

Inverse Universe

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



17.6915, 9.4986, 85.6943



19.7114, 10.5427, 95.6038



18.0878, 7.4561, 85.2791



15.9022, 16.5688, 20.9025



9.7956, 5.3850, 47.0612



0.9374, 0.6262, 4.1617

Previews

White Background



This preview shows how the XYZ color 54.3111, 53.7526, 7.5128 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 54.3111, 53.7526, 7.5128 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 54.3111, 53.7526, 7.5128

Background



This preview shows how black text looks on a background with the XYZ color 54.3111, 53.7526, 7.5128.



This preview shows how white text looks on a background with the XYZ color 54.3111, 53.7526,

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

54.3111, 53.7526, 7.5128

Protanopia

48.8012, 54.1193, 8.2548

Deuteranopia

54.8405, 53.7110, 7.7066



Tritanopia

63.6544, 53.7033, 52.9098

Trichromacy



Original Color

54.3111, 53.7526, 7.5128

Protanomaly

50.6695, 53.7731, 7.9384

Deuteranomaly

54.4761, 53.5250, 7.6037

Tritanomaly

58.0591, 52.8920, 24.2887

Monochromacy



Original Color

54.3111, 53.7526, 7.5128

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7243, 47.5311, 23.0368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3111, 53.7526, 7.5128 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(243, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 185, 0)  
}
```

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(243, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 185, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.3111, 53.7526, 7.5128 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(243, 185, 0) }
```


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

```
.border{ border-color:rgb(243, 185, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 185, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 185,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3111, 53.7526, 7.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 185, 0) }
```

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

```
.background{ background-color: rgb(243,  
185, 0) }
```

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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