

Converting Colors

XYZ(55.1843, 55.7817, 9.2930)

Have a look what the booklet for
XYZ(55.1843, 55.7817, 9.2930)
contains.

XYZ(55.3059, 55.8140, 9.2971)	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(55.3059, 55.8140,
9.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BE21
RGB	242, 190, 33
RGB Percent	95%, 75%, 13%
CMY	0.0510, 0.2549, 0.8706
CMYK	0.00, 0.21, 0.86, 0.05
HSL	45°, 89%, 54%
HSV	45°, 86%, 95%
XYZ	55.3059, 55.8140, 9.2971
YIQ	187.6500, 81.3890, -37.8030

Conversions

Conversions Part 2

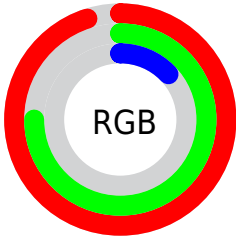
Format	Color
R_{YB}	102, 242, 33
Decimal	15908385
CIE _{Lab}	79.51, 5.76, 76.60
CIE _{LCh}	80, 76.815, 85.703
Yxy	55.8140, 0.4593, 0.4635
Android (android.graphics.Color)	4294098465 (0xFFFF2BE21)
YUV	187.6500, -76.2424, 47.6650
Hunter-Lab	74.7088, 1.4008, 44.9178

Details

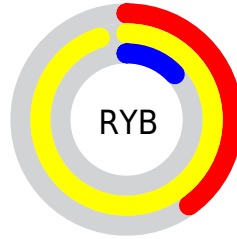
The XYZ color **55.3059, 55.8140, 9.2971** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **19.9029, 13.2314, 85.5085**, and the grayscale version is **47.9896, 50.4888, 54.9823**.

A 20% lighter version of the original color is **76.3071, 88.0161, 24.0333**, and **28.0017, 27.7151, 3.8737** is the 20% darker color. If you saturate the color by 10%, you get **53.8035, 53.1717, 7.6804**, and if you desaturate by 10%, it is **57.1074, 58.6667, 12.2121**.

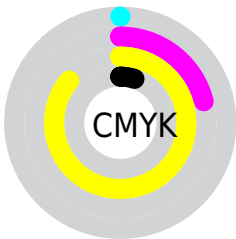
Distribution



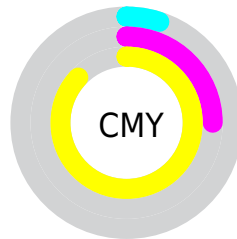
- Red (95%)
- Green (75%)
- Blue (13%)



- Red (40%)
- Yellow (95%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (86%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3059, 55.8140, 9.2971 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 55.3059, 55.8140, 9.2971 by changing the saturation by 10% instead.


 55.3059, 55.8140,
9.2971


 55.3059, 55.8140,
9.2971


397.1880,
408.9902, 195.8780


 39.8815, 40.0538,
4.8360


 97.1347, 98.7326,
25.0516


 27.6300, 27.5805,
2.0943


 124.2698,
126.6598, 37.1820

 18.1859, 18.0097,
0.6124


 156.0392,
159.4114, 52.7060

 11.1841, 10.9569,
0.0000

 192.8083,
197.3719, 72.0421

 6.2590, 6.0379,
0.0000

 234.9423,
240.9256, 95.6088

 3.0453, 2.8681,
0.0000

 282.8067,

 1.1778, 1.0633,

290.4569, 123.8246

0.0000

336.7668,
346.3503, 157.1082

■ 0.0887, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3059, 55.8140,
9.2971

■ 55.3059, 55.8140,
9.2971

■ 53.8035, 53.1717,
7.6804

■ 57.1074, 58.6667,
12.2121

■ 53.3036, 52.2490,
7.2757

■ 59.2499, 61.7407,
16.6595

■ 61.7712, 65.0544,
22.8302

■ 64.7029, 68.6215,
30.8867

■ 68.0728, 72.4540,
40.9726

■ 71.9059, 76.5628,
53.2173

■ 76.2254, 80.9582,
67.7396

■ 81.0527, 85.6496,
84.6496

■ 86.4079, 90.6460,
104.0502

Harmonies

Analogous

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



71.6038, 55.8140, 14.1103



55.3059, 55.8140, 9.2971



41.1844, 55.8140, 11.8373

Triad

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



55.3059, 55.8140, 9.2971



30.5384, 55.8140, 105.6229



81.5582, 55.8140, 122.3953

Complementary

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



55.3059, 55.8140, 9.2971



19.9029, 13.2314, 85.5085

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.



66.9992, 55.8140, 174.1278



55.3059, 55.8140, 9.2971



38.0140, 55.8140, 161.5860

Square

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



55.3059, 55.8140, 9.2971



28.6052, 55.8140, 54.6195



50.8554, 55.8140, 191.1474



88.5138, 55.8140, 67.3699

Rectangle

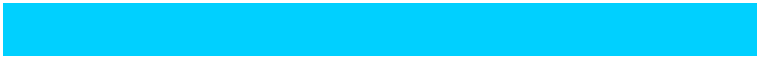
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3059, 55.8140, 9.2971



34.5074, 55.8140, 18.6253



50.8554, 55.8140, 191.1474



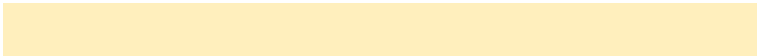
77.2686, 55.8140, 141.6184

Sweetspot

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



55.3072, 55.8168, 9.2982



81.1148, 86.3652, 60.3685



38.8116, 20.6252, 10.5833



17.0268, 18.1333, 11.8298



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.



55.3072, 55.8168, 9.2982



59.9935, 58.7670, 8.1812



53.1996, 74.5287, 13.0210



16.7705, 17.7541, 16.6927



28.7491, 28.2963, 3.9465



2.4695, 2.5098, 0.3543

Inverse Universe

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



19.9029, 13.2314, 85.5085



19.8519, 10.8238, 95.6506



20.3406, 9.4422, 84.7541



15.2167, 15.8675, 19.9823



9.5742, 5.3727, 45.6603



0.8727, 0.5994, 3.8239

Previews

White Background



This preview shows how the XYZ color 55.3059, 55.8140, 9.2971 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 55.3059, 55.8140, 9.2971 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 55.3059, 55.8140, 9.2971

Background



This preview shows how black text looks on a background with the XYZ color 55.3059, 55.8140, 9.2971.



This preview shows how white text looks on a background with the XYZ color 55.3059, 55.8140,

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

55.3059, 55.8140, 9.2971

Protanopia

50.6217, 56.0391, 9.7387

Deuteranopia

57.1406, 55.8017, 9.3493



Tritanopia

64.8001, 55.6712, 56.0455

Trichromacy



Original Color

55.3059, 55.8140, 9.2971

Protanomaly

52.1169, 55.8037, 9.5377

Deuteranomaly

56.2780, 55.6748, 9.2935

Tritanomaly

59.6730, 55.1058, 29.6817

Monochromacy



Original Color

55.3059, 55.8140, 9.2971

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3749, 51.4710, 29.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3059, 55.8140, 9.2971 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(242, 190, 33)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 33)  
}
```

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(242, 190, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 33) }
```

Border

The CSS property to change the border of an element to XYZ 55.3059, 55.8140, 9.2971 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(242, 190, 33) }
```


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

```
.border{ border-color:rgb(242, 190, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 33);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3059, 55.8140, 9.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 33) }
```

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

```
.background{ background-color: rgb(242,  
190, 33) }
```

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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