

Converting Colors

XYZ(59.1376, 55.1838, 13.6655)

Have a look what the booklet for
XYZ(59.1376, 55.1838, 13.6655)
contains.

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Color

**XYZ(59.1376, 55.1838,
13.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB648
RGB	255, 182, 72
RGB Percent	100%, 71%, 28%
CMY	0.0000, 0.2862, 0.7176
CMYK	0.00, 0.29, 0.72, 0.00
HSL	36°, 100%, 64%
HSV	36°, 72%, 100%
XYZ	59.1376, 55.1838, 13.6655
YIQ	191.2870, 78.8180, -18.7340

Conversions

Conversions Part 2

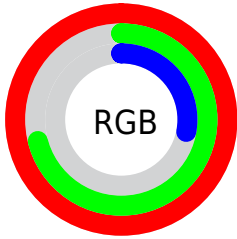
Format	Color
RYB	193, 255, 72
Decimal	16758344
CIELab	79.15, 16.74, 63.91
CIELCh	79, 66.067, 75.325
Yxy	55.1838, 0.4621, 0.4312
Android (android.graphics.Color)	4294948424 (0xFFFFB648)
YUV	191.2870, -58.8085, 55.8763
Hunter-Lab	74.2858, 12.1005, 41.0932

Details

The XYZ color **59.1376, 55.1838, 13.6655** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **30.8472, 28.8471, 98.5492**, and the grayscale version is **49.9881, 52.5914, 57.2720**.

A 20% lighter version of the original color is **75.5804, 83.9154, 31.9524**, and **30.1367, 27.1852, 3.8599** is the 20% darker color. If you saturate the color by 10%, you get **56.4641, 50.9037, 9.4865**, and if you desaturate by 10%, it is **62.3097, 59.9099, 19.7123**.

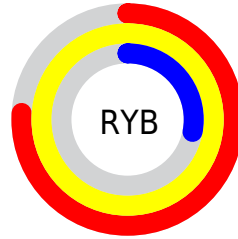
Distribution



Red (100%)

Green (71%)

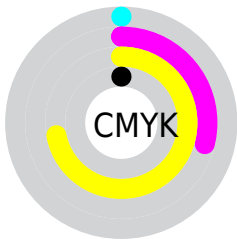
Blue (28%)



Red (76%)

Yellow (100%)

Blue (28%)

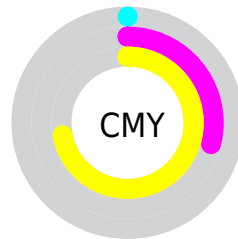


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1376, 55.1838, 13.6655 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 59.1376, 55.1838, 13.6655 by changing the saturation by 10% instead.


 59.1376, 55.1838,
13.6655

 59.1376, 55.1838,
13.6655


411.2975,
406.6083, 226.4954

 42.9707, 39.5489,
7.7523


 102.6911, 97.8102,
33.2029


 30.0565, 27.1870,
3.8514


 130.8084,
125.5705, 47.6641


 20.0298, 17.7137,
1.5442


 163.6399,
158.1414, 65.8118

 12.5251, 10.7446,
0.2505

 201.5509,
195.9072, 88.0644

 7.1771, 5.8954,
0.0000

 244.9069,
239.2524, 114.8406

 3.6204, 2.7816,
0.0000

294.0730,

 1.4897, 1.0188,

288.5614, 146.5587

0.0000

349.4148,
344.2186, 183.6375

■ 0.3188, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1376, 55.1838,
13.6655

■ 59.1376, 55.1838,
13.6655

■ 56.4641, 50.9037,
9.4865

■ 62.3097, 59.9099,
19.7123

■ 54.2364, 47.0367,
6.9300

■ 66.0176, 65.0952,
27.8250

■ 52.6779, 44.1364,
5.7427

■ 70.2987, 70.7616,
38.1794

■ 75.1853, 76.9268,
50.9315

80.7071, 83.6071,
66.2234

86.8915, 90.8179,
84.1860

93.7641, 98.5739,
104.9409

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



72.3671, 55.1838, 21.8353



59.1376, 55.1838, 13.6655



46.0322, 55.1838, 13.7452

Triad

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



59.1376, 55.1838, 13.6655



31.6052, 55.1838, 81.3876



72.6197, 55.1838, 126.9424

Complementary

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



59.1376, 55.1838, 13.6655



30.8472, 28.8471, 98.5492

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.



59.4394, 55.1838, 160.8148



59.1376, 55.1838, 13.6655



36.5710, 55.1838, 127.9049

Square

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



59.1376, 55.1838, 13.6655



31.5520, 55.1838, 43.5077



46.2876, 55.1838, 161.2266



80.9918, 55.1838, 80.4164

Rectangle

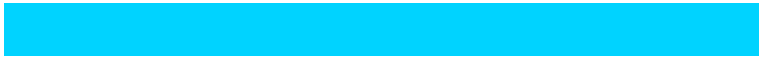
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1376, 55.1838, 13.6655



39.1166, 55.1838, 18.1866



46.2876, 55.1838, 161.2266



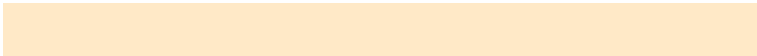
68.5150, 55.1838, 140.9082

Sweetspot

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



59.1389, 55.1866, 13.6666



80.5696, 83.4436, 65.8317



48.6836, 27.9455, 29.6977



16.9118, 17.4623, 13.1514



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.



59.1389, 55.1866, 13.6666



55.4694, 49.2166, 8.2213



71.7543, 89.9401, 19.7098



18.9177, 19.8036, 18.9697



27.6756, 23.3625, 3.0507



2.8016, 2.4885, 0.3327

Inverse Universe

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



30.8472, 28.8471, 98.5492



25.8715, 21.7985, 97.4517



24.6134, 14.0440, 96.0204



17.5976, 18.5667, 22.9062



12.0356, 8.9807, 50.5337



1.2752, 1.0810, 4.9547

Previews

White Background



This preview shows how the XYZ color 59.1376, 55.1838, 13.6655 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 59.1376, 55.1838, 13.6655 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 59.1376, 55.1838, 13.6655

Background



This preview shows how black text looks on a background with the XYZ color 59.1376, 55.1838, 13.6655.



This preview shows how white text looks on a background with the XYZ color 59.1376, 55.1838,

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

59.1376, 55.1838, 13.6655

Protanopia

50.4842, 55.5144, 14.8920

Deuteranopia

56.5638, 55.4081, 13.6748



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

59.1376, 55.1838, 13.6655

Protanomaly

53.3983, 55.3631, 14.5284

Deuteranomaly

57.5532, 55.2926, 13.6004

Tritanomaly

61.9962, 54.7179, 33.6796

Monochromacy



Original Color

59.1376, 55.1838, 13.6655

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.0601, 52.4007, 35.4402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1376, 55.1838, 13.6655 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, 182, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 72)  
}
```

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, 182, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 72) }
```

Border

The CSS property to change the border of an element to XYZ 59.1376, 55.1838, 13.6655 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, 182, 72) }
```


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

```
.border{ border-color:rgb(255, 182, 72) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1376, 55.1838, 13.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 72) }
```

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

```
.background{ background-color: rgb(255,  
182, 72) }
```

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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