

Converting Colors

XYZ(59.1817, 55.3189, 13.5355)

Have a look what the booklet for
XYZ(59.1817, 55.3189, 13.5355)
contains.

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Color

**XYZ(59.1053, 55.1708,
13.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB647
RGB	255, 182, 71
RGB Percent	100%, 71%, 28%
CMY	0.0000, 0.2862, 0.7216
CMYK	0.00, 0.29, 0.72, 0.00
HSL	36°, 100%, 64%
HSV	36°, 72%, 100%
XYZ	59.1053, 55.1708, 13.4951
YIQ	191.1730, 79.1390, -19.0450

Conversions

Conversions Part 2

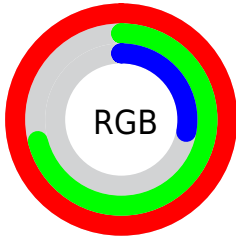
Format	Color
RYB	192, 255, 71
Decimal	16758343
CIELab	79.14, 16.69, 64.32
CIELCh	79, 66.447, 75.452
Yxy	55.1708, 0.4626, 0.4318
Android (android.graphics.Color)	4294948423 (0xFFFFB647)
YUV	191.1730, -59.2453, 55.9763
Hunter-Lab	74.2770, 12.0549, 41.2218

Details

The XYZ color **59.1053, 55.1708, 13.4951** 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 **30.6214, 28.5050, 98.4953**, and the grayscale version is **49.9240, 52.5240, 57.1986**.

A 20% lighter version of the original color is **75.5162, 83.8897, 31.6142**, and **30.1203, 27.1786, 3.7733** is the 20% darker color. If you saturate the color by 10%, you get **56.4549, 50.9168, 9.3862**, and if you desaturate by 10%, it is **62.2510, 59.8670, 19.4628**.

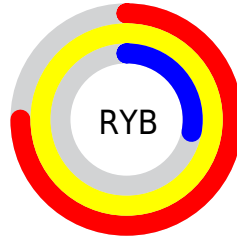
Distribution



Red (100%)

Green (71%)

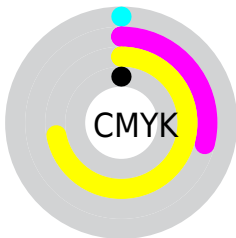
Blue (28%)



Red (75%)

Yellow (100%)

Blue (28%)

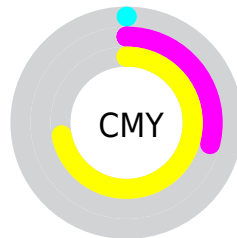


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1053, 55.1708, 13.4951 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 59.1053, 55.1708, 13.4951 by changing the saturation by 10% instead.


 59.1053, 55.1708,
13.4951

 59.1053, 55.1708,
13.4951


411.1798,
406.5590, 225.3849


 42.9446, 39.5385,
7.6356


 102.6444, 97.7912,
32.8946


 30.0360, 27.1789,
3.7783


 130.7536,
125.5480, 47.2716


 20.0141, 17.7076,
1.5045


 163.5762,
158.1151, 65.3250

 12.5136, 10.7403,
0.2213

 201.4778,
195.8769, 87.4732

 7.1692, 5.8925,
0.0000

 244.8236,
239.2179, 114.1347

 3.6154, 2.7798,
0.0000

293.9789,

 1.4869, 1.0179,

288.5222, 145.7282

0.0000

349.3092,
344.1745, 182.6720

■ 0.3169, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1053, 55.1708,
13.4951

■ 59.1053, 55.1708,
13.4951

■ 56.4549, 50.9168,
9.3862

■ 62.2510, 59.8670,
19.4628

■ 54.2468, 47.0718,
6.8886

■ 65.9295, 65.0184,
27.4884

■ 52.7688, 44.3180,
5.7730

■ 70.1781, 70.6469,
37.7488

■ 75.0294, 76.7702,
50.4005

80.5131, 83.4046,
65.5861

86.6565, 90.5654,
83.4369

93.4854, 98.2672,
104.0748

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



72.4293, 55.1708, 21.6198



59.1053, 55.1708, 13.4951



45.9358, 55.1708, 13.6055

Triad

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



59.1053, 55.1708, 13.4951



31.5067, 55.1708, 81.6961



72.7825, 55.1708, 127.2144

Complementary

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



59.1053, 55.1708, 13.4951



30.6214, 28.5050, 98.4953

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.



59.5269, 55.1708, 161.4833



59.1053, 55.1708, 13.4951



36.5122, 55.1708, 128.5618

Square

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



59.1053, 55.1708, 13.4951



31.4326, 55.1708, 43.5367



46.2923, 55.1708, 162.0601



81.1831, 55.1708, 80.3384

Rectangle

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



59.1053, 55.1708, 13.4951



38.9994, 55.1708, 18.0688



46.2923, 55.1708, 162.0601



68.6560, 55.1708, 141.3210

Sweetspot

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



59.1066, 55.1736, 13.4962



80.6039, 83.5123, 65.8432



48.5734, 27.7989, 29.4330



16.9200, 17.4785, 13.1541



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.



59.1066, 55.1736, 13.4962



55.3336, 49.0046, 7.9923



71.6888, 89.9103, 19.5379



18.9211, 19.8104, 18.9709



27.7229, 23.4571, 3.0665



2.8060, 2.4974, 0.3342

Inverse Universe

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



30.6214, 28.5050, 98.4953



25.5388, 21.2594, 97.3652



24.4620, 13.8707, 95.9952



17.5942, 18.5601, 22.9051



12.0070, 8.9236, 50.5242



1.2722, 1.0751, 4.9537

Previews

White Background



This preview shows how the XYZ color 59.1053, 55.1708, 13.4951 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 59.1053, 55.1708, 13.4951 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 59.1053, 55.1708, 13.4951

Background



This preview shows how black text looks on a background with the XYZ color 59.1053, 55.1708, 13.4951.



This preview shows how white text looks on a background with the XYZ color 59.1053, 55.1708,

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

59.1053, 55.1708, 13.4951

Protanopia

50.4497, 55.5006, 14.7103

Deuteranopia

56.5320, 55.3953, 13.5072



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

59.1053, 55.1708, 13.4951

Protanomaly

53.3644, 55.3495, 14.3495

Deuteranomaly

57.5214, 55.2799, 13.4327

Tritanomaly

61.9962, 54.7179, 33.6796

Monochromacy



Original Color

59.1053, 55.1708, 13.4951

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9812, 52.3692, 35.0250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1053, 55.1708, 13.4951 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 71) }
```

Border

The CSS property to change the border of an element to XYZ 59.1053, 55.1708, 13.4951 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, 71) }
```


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

```
.border{ border-color:rgb(255, 182, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1053, 55.1708, 13.4951 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, 71) }
```

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

```
.background{ background-color: rgb(255,  
182, 71) }
```

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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