

Converting Colors

XYZ(59.5673, 53.4054, 35.3576)

Have a look what the booklet for
XYZ(59.5673, 53.4054, 35.3576)
contains.

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Color

**XYZ(59.4252, 53.3566,
35.1838)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B194
RGB	247, 177, 148
RGB Percent	97%, 69%, 58%
CMY	0.0314, 0.3059, 0.4196
CMYK	0.00, 0.28, 0.40, 0.03
HSL	18°, 86%, 77%
HSV	18°, 40%, 97%
XYZ	59.4252, 53.3566, 35.1838
YIQ	194.6240, 51.0290, 5.8210

Conversions

Conversions Part 2

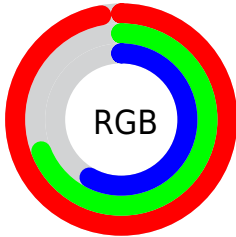
Format	Color
R _Y B	247, 189, 148
Decimal	16232852
CIE Lab	78.09, 22.00, 24.97
CIE LCh	78, 33.284, 48.615
Yxy	53.3566, 0.4016, 0.3606
Android (android.graphics.Color)	4294422932 (0xFFF7B194)
YUV	194.6240, -22.9856, 45.9338
Hunter-Lab	73.0456, 17.3863, 22.5738

Details

The XYZ color **59.4252, 53.3566, 35.1838** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0715, 63.1515, 97.3351**, and the grayscale version is **51.7604, 54.4560, 59.3026**.

A 20% lighter version of the original color is **81.0396, 83.8021, 67.7813**, and **30.1044, 25.9697, 14.7352** is the 20% darker color. If you saturate the color by 10%, you get **54.4435, 46.1953, 24.8851**, and if you desaturate by 10%, it is **65.2682, 61.5728, 47.8286**.

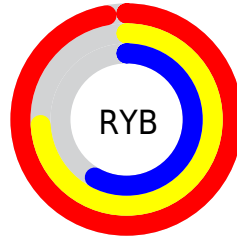
Distribution



Red (97%)

Green (69%)

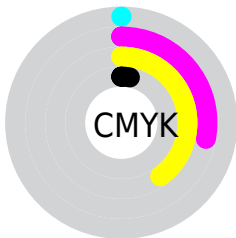
Blue (58%)



Red (97%)

Yellow (74%)

Blue (58%)

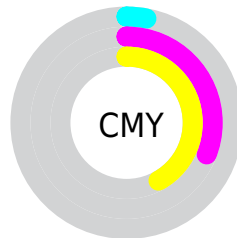


Cyan (0%)

Magenta (28%)

Yellow (40%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4252, 53.3566, 35.1838 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 59.4252, 53.3566, 35.1838 by changing the saturation by 10% instead.

 59.4252, 53.3566,
35.1838


 59.4252, 53.3566,
35.1838


412.3446,
399.6518, 340.3077

 43.2032, 38.0875,
23.5198


 103.1065, 95.1289,
68.9252

 30.2398, 26.0506,
14.7689


 131.2965,
122.4009, 91.8397

 20.1696, 16.8615,
8.5125


164.2065,
154.4427, 119.3414

 12.6274, 10.1358,
4.3322

202.2019,
191.6386, 151.8490

 7.2477, 5.4891,
1.8093

245.6481,
234.3731, 189.7808

 3.6652, 2.5370,
0.4341

294.9103,

 1.5145, 0.8951,

283.0305, 233.5555

0.0000

350.3541,
337.9953, 283.5917

■ 0.3357, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4252, 53.3566,
35.1838

■ 59.4252, 53.3566,
35.1838

■ 54.4435, 46.1953,
24.8851

■ 65.2682, 61.5728,
47.8286

■ 50.2757, 40.0372,
16.7829

■ 72.0086, 70.8773,
62.9503

■ 46.8756, 34.8376,
10.7149

■ 79.6852, 81.3117,
80.6735

■ 44.1901, 30.5450,
6.4948

■ 88.3334, 92.9129,
101.1135

■ 42.1579, 27.1024,
3.9011

■ 92.1677, 98.5141,
108.7651

■ 40.6989, 24.4565,
2.5755

Harmonies

Analogous

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



63.4918, 53.3566, 47.4125



59.4252, 53.3566, 35.1838



53.2190, 53.3566, 29.6175

Triad

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



59.4252, 53.3566, 35.1838



39.4312, 53.3566, 51.3188



54.8050, 53.3566, 99.0041

Complementary

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



59.4252, 53.3566, 35.1838



54.0715, 63.1515, 97.3351

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.



48.2886, 53.3566, 100.6785



59.4252, 53.3566, 35.1838



39.7768, 53.3566, 70.2753

Square

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



59.4252, 53.3566, 35.1838



41.9103, 53.3566, 37.5158



42.8984, 53.3566, 89.2698



60.6712, 53.3566, 85.0910

Rectangle

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



59.4252, 53.3566, 35.1838



48.8664, 53.3566, 29.4263



42.8984, 53.3566, 89.2698



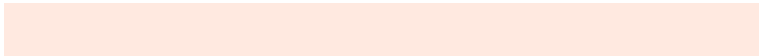
52.6073, 53.3566, 101.1123

Sweetspot

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



59.4266, 53.3592, 35.1849



83.9913, 85.1485, 82.8142



61.7275, 46.0663, 72.6218



17.7395, 17.9028, 17.1727



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.



59.4266, 53.3592, 35.1849



59.5340, 51.1184, 28.7747



70.7773, 76.0607, 38.9684



16.8947, 17.2735, 17.2412



21.6306, 13.1467, 1.3975



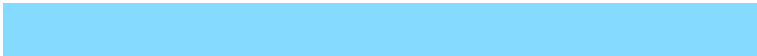
1.9863, 1.3258, 0.1512

Inverse Universe

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



54.0715, 63.1515, 97.3351



53.0275, 62.9094, 103.9556



43.2735, 41.5555, 93.7358



16.5627, 17.8897, 21.1227



17.0775, 19.9487, 49.4884



1.5895, 1.9305, 4.3791

Previews

White Background



This preview shows how the XYZ color 59.4252, 53.3566, 35.1838 looks on a white background.

Color Contrast Check

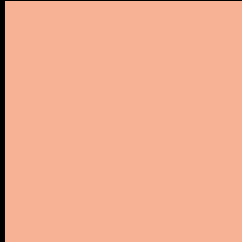
Large Text (above 18pt) WCAG AA × Fail

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 59.4252, 53.3566, 35.1838 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 59.4252, 53.3566, 35.1838

Background



This preview shows how black text looks on a background with the XYZ color 59.4252, 53.3566, 35.1838.



This preview shows how white text looks on a background with the XYZ color 59.4252, 53.3566,

35.1838.

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

59.4252, 53.3566, 35.1838

Protanopia

50.1632, 53.4856, 38.6902

Deuteranopia

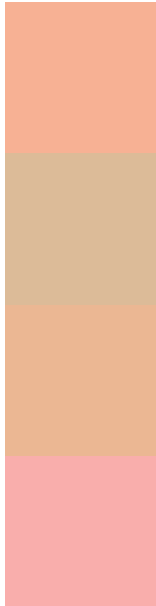
54.7421, 53.6871, 34.6716



Tritanopia

62.9338, 53.3318, 52.8760

Trichromacy



Original Color

59.4252, 53.3566, 35.1838

Protanomaly

52.9530, 53.0233, 37.1494

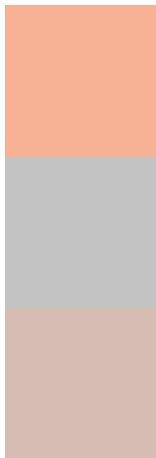
Deuteranomaly

56.4609, 53.6357, 34.9807

Tritanomaly

61.6494, 53.3904, 46.0858

Monochromacy



Original Color

59.4252, 53.3566, 35.1838

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7507, 53.4769, 49.6086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4252, 53.3566, 35.1838 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(247, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 148)  
}
```

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(247, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 148) }
```

Border

The CSS property to change the border of an element to XYZ 59.4252, 53.3566, 35.1838 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(247, 177, 148) }
```


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

```
.border{ border-color:rgb(247, 177, 148) }
```

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

Here you see how a box with a 4 pixel rgb(247, 177, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4252, 53.3566, 35.1838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 148) }
```

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

```
.background{ background-color: rgb(247,  
177, 148) }
```

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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