

Converting Colors

XYZ(63.0743, 59.4841, 34.4956)

Have a look what the booklet for
XYZ(63.0743, 59.4841, 34.4956)
contains.

XYZ(63.0892, 59.5992, 34.5642)	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(63.0892, 59.5992,
34.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	FABF90
RGB	250, 191, 144
RGB Percent	98%, 75%, 56%
CMY	0.0196, 0.2510, 0.4353
CMYK	0.00, 0.24, 0.42, 0.02
HSL	27°, 91%, 77%
HSV	27°, 42%, 98%
XYZ	63.0892, 59.5992, 34.5642
YIQ	203.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

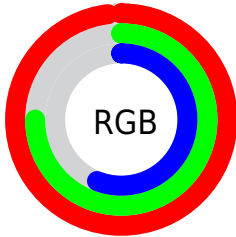
Format	Color
R _Y B	250, 228, 144
Decimal	16433040
CIE Lab	81.62, 15.38, 31.88
CIE LCh	82, 35.394, 64.242
Yxy	59.5992, 0.4012, 0.3790
Android (android.graphics.Color)	4294623120 (0xFFFABF90)
YUV	203.2830, -29.2265, 40.9708
Hunter-Lab	77.2005, 10.7715, 27.4951

Details

The XYZ color **63.0892, 59.5992, 34.5642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.1120, 55.5412, 98.5218**, and the grayscale version is **57.0998, 60.0734, 65.4200**.

A 20% lighter version of the original color is **84.6938, 91.8587, 66.6928**, and **32.5501, 30.0436, 14.4394** is the 20% darker color. If you saturate the color by 10%, you get **58.4946, 53.1368, 24.6268**, and if you desaturate by 10%, it is **68.3982, 66.8131, 46.8282**.

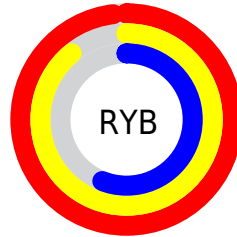
Distribution



Red (98%)

Green (75%)

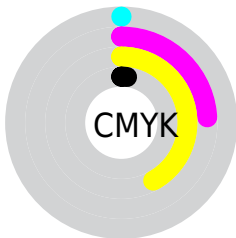
Blue (56%)



Red (98%)

Yellow (89%)

Blue (56%)

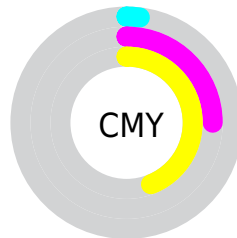


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0892, 59.5992, 34.5642 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 63.0892, 59.5992, 34.5642 by changing the saturation by 10% instead.


 63.0892, 59.5992,
34.5642

 63.0892, 59.5992,
34.5642


425.5477,
423.1189, 337.4862

 46.1723, 43.0957,
23.0465


 108.3793,
104.2480, 67.9540

 32.5870, 29.9602,
14.4222


 137.4832,
133.1621, 90.6632

 21.9680, 19.8084,
8.2728

171.3801,
166.9818, 117.9399

 13.9498, 12.2558,
4.1797

210.4354,
206.0916, 150.2028

 8.1673, 6.9182,
1.7245

255.0144,
250.8758, 187.8703

 4.2549, 3.4110,
0.3774

305.4826,

 1.8473, 1.3499,

301.7188, 231.3610

0.0000

362.2052,
359.0050, 281.0934

0.5459, 0.1793,
0.0000

0.0000, 0.0000,
0.0000

63.0892, 59.5992,
34.5642

63.0892, 59.5992,
34.5642

58.4946, 53.1368,
24.6268

68.3982, 66.8131,
46.8282

54.5737, 47.3901,
16.8610

74.4504, 74.7956,
61.5530

51.2880, 42.3325,
11.0983

81.2783, 83.5737,
78.8666

48.5920, 37.9320,
7.1436

88.9111, 93.1705,
98.8869

■ 46.4325, 34.1523,
4.7610

■ 93.2343, 99.0640,
108.8150

■ 45.0937, 31.6627,
3.7348

Harmonies

Analogous

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



69.3051, 59.5992, 44.4754



63.0892, 59.5992, 34.5642



55.5964, 59.5992, 32.0296

Triad

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



63.0892, 59.5992, 34.5642



43.5539, 59.5992, 67.9691



65.0776, 59.5992, 104.9609

Complementary

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



63.0892, 59.5992, 34.5642



50.1120, 55.5412, 98.5218

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.



57.7113, 59.5992, 114.8813



63.0892, 59.5992, 34.5642



45.6328, 59.5992, 90.7631

Square

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



63.0892, 59.5992, 34.5642



44.7235, 59.5992, 48.6787



50.6595, 59.5992, 109.1893



70.5218, 59.5992, 84.3598

Rectangle

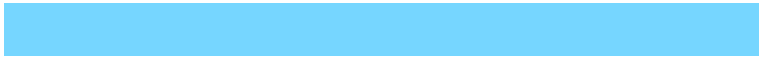
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0892, 59.5992, 34.5642



50.9782, 59.5992, 34.2643



50.6595, 59.5992, 109.1893



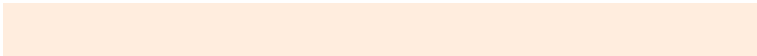
62.7217, 59.5992, 109.8380

Sweetspot

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



63.0907, 59.6020, 34.5654



84.5589, 86.8342, 81.3058



60.3050, 44.6339, 62.6059



17.7484, 18.1387, 16.5032



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.



63.0907, 59.6020, 34.5654



61.7938, 56.4500, 27.0243



76.4891, 86.3990, 39.0315



17.8781, 18.4921, 18.0895



24.0573, 17.0714, 2.0271



2.3319, 1.7887, 0.2224

Inverse Universe

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



50.1120, 55.5412, 98.5218



46.5413, 51.6586, 102.1259



39.8348, 34.9868, 95.0960



17.0842, 18.2453, 22.0066



14.2065, 13.7686, 49.8824



1.4215, 1.4866, 4.6552

Previews

White Background



This preview shows how the XYZ color 63.0892, 59.5992, 34.5642 looks on a white background.

Color Contrast Check

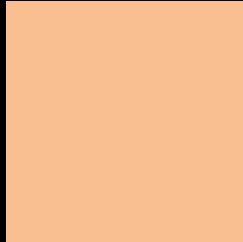
Large Text (above 18pt) WCAG AA × Fail

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 63.0892, 59.5992, 34.5642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

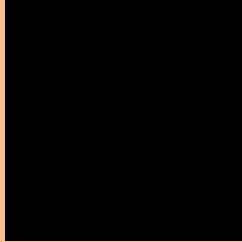
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0892, 59.5992, 34.5642

Background



This preview shows how black text looks on a background with the XYZ color 63.0892, 59.5992, 34.5642.



This preview shows how white text looks on a background with the XYZ color 63.0892, 59.5992,

34.5642.

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

63.0892, 59.5992, 34.5642

Protanopia

55.6942, 59.7872, 37.0385

Deuteranopia

61.0910, 59.8906, 34.3268



Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

63.0892, 59.5992, 34.5642

Protanomaly

58.3230, 59.7764, 36.0678

Deuteranomaly

61.9059, 59.9792, 34.3010

Tritanomaly

66.3142, 59.6376, 50.1356

Monochromacy



Original Color

63.0892, 59.5992, 34.5642

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.3821, 59.4399, 52.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0892, 59.5992, 34.5642 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(250, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 144)  
}
```

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(250, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 144) }
```

Border

The CSS property to change the border of an element to XYZ 63.0892, 59.5992, 34.5642 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(250, 191, 144) }
```


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

```
.border{ border-color:rgb(250, 191, 144) }
```

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

Here you see how a box with a 4 pixel rgb(250, 191, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0892, 59.5992, 34.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 144) }
```

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

```
.background{ background-color: rgb(250,  
191, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor