

Converting Colors

XYZ(59.9341, 50.5132, 35.0249)

Have a look what the booklet for
XYZ(59.9341, 50.5132, 35.0249)
contains.

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Color

**XYZ(59.9341, 50.5132,
35.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA695
RGB	254, 166, 149
RGB Percent	100%, 65%, 58%
CMY	0.0039, 0.3490, 0.4157
CMYK	0.00, 0.35, 0.41, 0.00
HSL	10°, 98%, 79%
HSV	10°, 41%, 100%
XYZ	59.9341, 50.5132, 35.0249
YIQ	190.3740, 57.9050, 13.3690

Conversions

Conversions Part 2

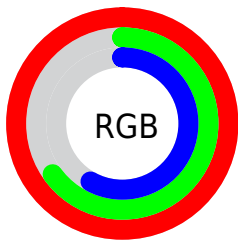
Format	Color
RYB	254, 169, 149
Decimal	16688789
CIELab	76.38, 30.56, 22.25
CIElCh	76, 37.797, 36.054
Yxy	50.5132, 0.4120, 0.3472
Android (android.graphics.Color)	4294878869 (0xFFFEA695)
YUV	190.3740, -20.3974, 55.8000
Hunter-Lab	71.0726, 26.1483, 20.5325

Details

The XYZ color **59.9341, 50.5132, 35.0249** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5666, 74.1106, 104.8784**, and the grayscale version is **49.2510, 51.8159, 56.4275**.

A 20% lighter version of the original color is **78.1408, 77.8143, 67.4011**, and **30.6154, 24.2942, 14.6309** is the 20% darker color. If you saturate the color by 10%, you get **54.5687, 42.6815, 24.2991**, and if you desaturate by 10%, it is **66.3847, 59.8076, 48.2950**.

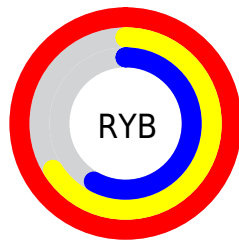
Distribution



Red (100%)

Green (65%)

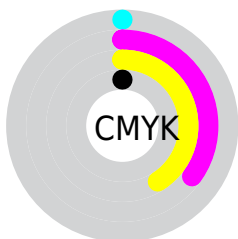
Blue (58%)



Red (100%)

Yellow (66%)

Blue (58%)

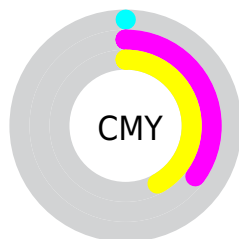


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9341, 50.5132, 35.0249 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 59.9341, 50.5132, 35.0249 by changing the saturation by 10% instead.


 59.9341, 50.5132,
35.0249


 59.9341, 50.5132,
35.0249


414.1935,
388.6695, 339.5858

 43.6148, 35.8213,
23.3984

 103.8410, 90.9348,
68.6763

 30.5644, 24.2962,
14.6799


 132.1592,
117.4333, 91.5383

 20.4176, 15.5535,
8.4509


165.2078,
148.6362, 118.9825

 12.8090, 9.2088,
4.2929

203.3521,
184.9278, 151.4275

 7.3732, 4.8776,
1.7874

246.9574,
226.6925, 189.2918

 3.7450, 2.1756,
0.4196

296.3892,

 1.5589, 0.7067,

274.3148, 232.9939

0.0000

352.0128,
328.1790, 282.9524

■ 0.3654, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9341, 50.5132,
35.0249

■ 59.9341, 50.5132,
35.0249

■ 54.5687, 42.6815,
24.2991

■ 66.3847, 59.8076,
48.2950

■ 50.2241, 36.2304,
15.9512

■ 73.9725, 70.6264,
64.2554

■ 46.8350, 31.0811,
9.7996

■ 82.7505, 83.0368,
83.0445

■ 44.3264, 27.1437,
5.6350

■ 92.7674, 97.0999,
104.7904

■ 42.6116, 24.3162,
3.2067

94.6830, 99.8108,
108.8828

■ 41.6707, 22.6662,
2.1787

Harmonies

Analogous

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



62.9301, 50.5132, 50.9736



59.9341, 50.5132, 35.0249



53.7768, 50.5132, 26.4158

Triad

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



59.9341, 50.5132, 35.0249



36.5691, 50.5132, 40.5898



49.4675, 50.5132, 103.8465

Complementary

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



59.9341, 50.5132, 35.0249



60.5666, 74.1106, 104.8784

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.



42.6733, 50.5132, 99.1058



59.9341, 50.5132, 35.0249



35.6589, 50.5132, 59.2336

Square

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



59.9341, 50.5132, 35.0249



40.4062, 50.5132, 29.0300



37.7848, 50.5132, 81.4122



56.5154, 50.5132, 93.1163

Rectangle

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



59.9341, 50.5132, 35.0249



48.9584, 50.5132, 24.4564



37.7848, 50.5132, 81.4122



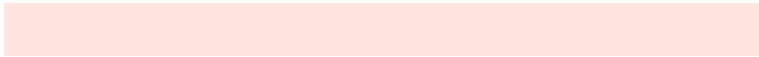
47.0765, 50.5132, 104.0384

Sweetspot

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



59.9354, 50.5157, 35.0259



82.8668, 82.8994, 82.4394



67.0901, 48.7539, 86.9561



17.4765, 17.3768, 17.0851



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.



59.9354, 50.5157, 35.0259



55.7169, 44.0322, 25.8124



71.1754, 72.9957, 38.7725



18.2469, 18.4621, 18.7462



22.0381, 12.0875, 1.1716



2.2102, 1.3058, 0.1355

Inverse Universe

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



60.5666, 74.1106, 104.8784



56.3997, 70.8158, 105.3040



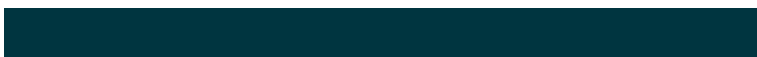
47.7905, 48.5583, 100.6197



18.2897, 19.9509, 23.1369



22.0501, 29.0098, 53.8719



2.2109, 2.9525, 5.2666

Previews

White Background



This preview shows how the XYZ color 59.9341, 50.5132, 35.0249 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 59.9341, 50.5132, 35.0249 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 59.9341, 50.5132, 35.0249

Background



This preview shows how black text looks on a background with the XYZ color 59.9341, 50.5132, 35.0249.



This preview shows how white text looks on a background with the XYZ color 59.9341, 50.5132,

35.0249.

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

59.9341, 50.5132, 35.0249

Protanopia

47.8816, 50.6466, 40.5099

Deuteranopia

51.5310, 50.4952, 34.2247



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

59.9341, 50.5132, 35.0249



Protanomaly

51.5354, 50.1029, 38.4071



Deuteranomaly

54.3961, 50.4809, 34.4806



Tritanomaly

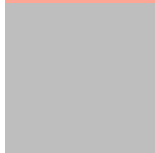
61.3984, 50.5641, 42.6002

Monochromacy



Original Color

59.9341, 50.5132, 35.0249



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.7023, 50.2890, 47.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9341, 50.5132, 35.0249 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(254, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 149)  
}
```

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(254, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 149) }
```

Border

The CSS property to change the border of an element to XYZ 59.9341, 50.5132, 35.0249 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(254, 166, 149) }
```


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

```
.border{ border-color:rgb(254, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9341, 50.5132, 35.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 149) }
```

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

```
.background{ background-color: rgb(254,  
166, 149) }
```

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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