

Converting Colors

XYZ(77.2041, 59.1063, 34.7980)

Have a look what the booklet for
XYZ(77.2041, 59.1063, 34.7980)
contains.

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Color

**XYZ(59.9616, 50.2769,
34.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA593
RGB	255, 165, 147
RGB Percent	100%, 65%, 58%
CMY	0.0000, 0.3529, 0.4235
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 100%, 79%
HSV	10°, 42%, 100%
XYZ	59.9616, 50.2769, 34.1478
YIQ	189.8580, 59.4180, 13.4820

Conversions

Conversions Part 2

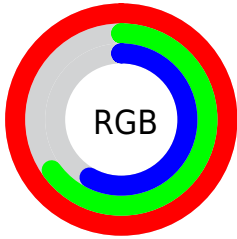
Format	Color
R _Y B	255, 169, 147
Decimal	16754067
CIE Lab	76.24, 31.24, 23.15
CIE LCh	76, 38.887, 36.535
Yxy	50.2769, 0.4153, 0.3482
Android (android.graphics.Color)	4294944147 (0xFFFFA593)
YUV	189.8580, -21.1290, 57.1295
Hunter-Lab	70.9062, 26.8621, 21.0808

Details

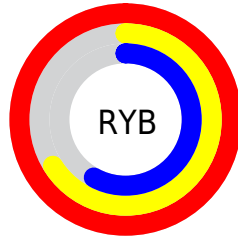
The XYZ color **59.9616, 50.2769, 34.1478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.3653, 73.9880, 105.7071**, and the grayscale version is **48.9569, 51.5064, 56.0905**.

A 20% lighter version of the original color is **77.6391, 77.1899, 66.0655**, and **30.6704, 24.1686, 14.1148** is the 20% darker color. If you saturate the color by 10%, you get **54.6587, 42.5262, 23.5783**, and if you desaturate by 10%, it is **66.3474, 59.4834, 47.2671**.

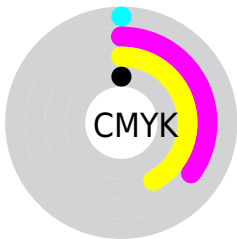
Distribution



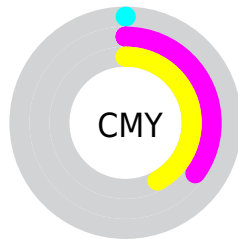
- Red (100%)
- Green (65%)
- Blue (58%)



- Red (100%)
- Yellow (66%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9616, 50.2769, 34.1478 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 59.9616, 50.2769, 34.1478 by changing the saturation by 10% instead.


 59.9616, 50.2769,
34.1478


 59.9616, 50.2769,
34.1478


414.2932,
387.7478, 335.5798

 43.6370, 35.6335,
22.7289


 103.8806, 90.5850,
67.3000

 30.5819, 24.1512,
14.1900


 132.2058,
117.0185, 89.8703

 20.4310, 15.4459,
8.1127


165.2618,
148.1507, 116.9949

 12.8188, 9.1329,
4.0783

203.4142,
184.3662, 149.0922

 7.3800, 4.8280,
1.6684

247.0281,
226.0492, 186.5808

 3.7493, 2.1467,
0.3390

296.4690,

 1.5613, 0.6907,

273.5842, 229.8792

0.0000

352.1023,
327.3556, 279.4061

■ 0.3670, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9616, 50.2769,
34.1478

■ 59.9616, 50.2769,
34.1478

■ 54.6587, 42.5262,
23.5783

■ 66.3474, 59.4834,
47.2671

■ 50.3736, 36.1491,
15.3891

■ 73.8683, 70.2076,
63.0849

■ 47.0404, 31.0667,
9.3948

■ 82.5778, 82.5166,
81.7418

■ 44.5832, 27.1886,
5.3809

■ 92.5250, 96.4716,
103.3678

■ 42.9137, 24.4125, 95.0499, 100.0000,
3.0891 108.9000

■ 42.0862, 22.9526,
2.2121

Harmonies

Analogous

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



63.1148, 50.2769, 50.2985



59.9616, 50.2769, 34.1478



53.5902, 50.2769, 25.5512

Triad

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



59.9616, 50.2769, 34.1478



36.0439, 50.2769, 40.2594



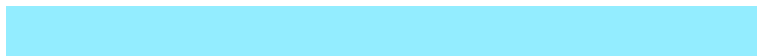
49.4004, 50.2769, 105.1161

Complementary

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



59.9616, 50.2769, 34.1478



60.3653, 73.9880, 105.7071

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.



42.4181, 50.2769, 100.4596



59.9616, 50.2769, 34.1478



35.1659, 50.2769, 59.4419

Square

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



59.9616, 50.2769, 34.1478



39.9159, 50.2769, 28.4012



37.3826, 50.2769, 82.2981



56.6296, 50.2769, 93.7633

Rectangle

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



59.9616, 50.2769, 34.1478



48.6391, 50.2769, 23.6466



37.3826, 50.2769, 82.2981



46.9443, 50.2769, 105.4061

Sweetspot

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



59.9629, 50.2794, 34.1488



81.9770, 81.6704, 80.4452



66.9599, 48.2422, 85.9033



17.1163, 16.8745, 16.2925



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.



59.9629, 50.2794, 34.1488



55.3151, 43.4926, 24.8648



71.8381, 74.0298, 38.1072



18.2540, 18.4762, 18.7485



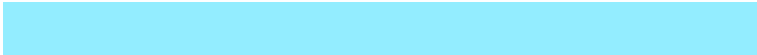
22.0622, 12.1357, 1.1796



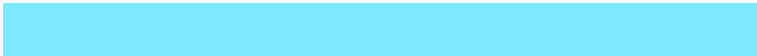
2.2136, 1.3125, 0.1367

Inverse Universe

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



60.3653, 73.9880, 105.7071



55.7291, 70.0341, 105.1884



47.0164, 47.2904, 101.2575



18.2819, 19.9355, 23.1343



21.8924, 28.6944, 53.8193



2.1970, 2.9246, 5.2620

Previews

White Background



This preview shows how the XYZ color 59.9616, 50.2769, 34.1478 looks on a white background.

Color Contrast Check

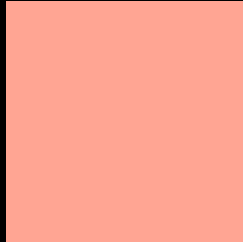
Large Text (above 18pt) WCAG AA × Fail

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 59.9616, 50.2769, 34.1478 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 59.9616, 50.2769, 34.1478

Background



This preview shows how black text looks on a background with the XYZ color 59.9616, 50.2769, 34.1478.



This preview shows how white text looks on a background with the XYZ color 59.9616, 50.2769,

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

59.9616, 50.2769, 34.1478

Protanopia

47.7080, 50.5772, 39.5956

Deuteranopia

51.3767, 50.4335, 33.4124



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

59.9616, 50.2769, 34.1478

Protanomaly

51.3674, 50.0357, 37.5223

Deuteranomaly

54.0451, 50.0279, 33.5959

Tritanomaly

61.0380, 50.1347, 41.5819

Monochromacy



Original Color

59.9616, 50.2769, 34.1478

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.8954, 50.3999, 47.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9616, 50.2769, 34.1478 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, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 147)  
}
```

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, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 147) }
```

Border

The CSS property to change the border of an element to XYZ 59.9616, 50.2769, 34.1478 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, 165, 147) }
```


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

```
.border{ border-color:rgb(255, 165, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9616, 50.2769, 34.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 147) }
```

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

```
.background{ background-color: rgb(255,  
165, 147) }
```

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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