

Converting Colors

XYZ(59.4009, 49.8872, 34.3871)

Have a look what the booklet for
XYZ(59.4009, 49.8872, 34.3871)
contains.

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Color

**XYZ(59.3084, 49.9310,
34.5287)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA594
RGB	253, 165, 148
RGB Percent	99%, 65%, 58%
CMY	0.0078, 0.3529, 0.4196
CMYK	0.00, 0.35, 0.42, 0.01
HSL	10°, 96%, 79%
HSV	10°, 42%, 99%
XYZ	59.3084, 49.9310, 34.5287
YIQ	189.3740, 57.9050, 13.3690

Conversions

Conversions Part 2

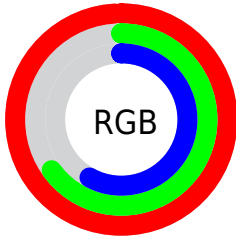
Format	Color
R _Y B	253, 168, 148
Decimal	16622996
CIE Lab	76.03, 30.60, 22.28
CIE LCh	76, 37.849, 36.063
Yxy	49.9310, 0.4125, 0.3473
Android (android.graphics.Color)	4294813076 (0xFFFDA594)
YUV	189.3740, -20.3974, 55.8000
Hunter-Lab	70.6619, 26.1616, 20.4914

Details

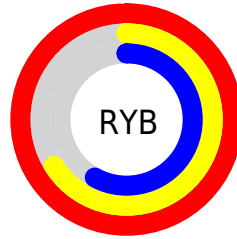
The XYZ color **59.3084, 49.9310, 34.5287** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9364, 73.3755, 103.9322**, and the grayscale version is **48.6751, 51.2100, 55.7677**.

A 20% lighter version of the original color is **77.7571, 77.2372, 66.6871**, and **30.2000, 23.9207, 14.3347** is the 20% darker color. If you saturate the color by 10%, you get **54.0080, 42.1925, 23.9384**, and if you desaturate by 10%, it is **65.6829, 59.1174, 47.6371**.

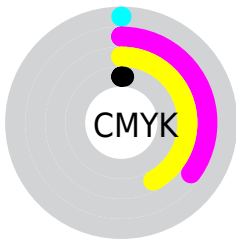
Distribution



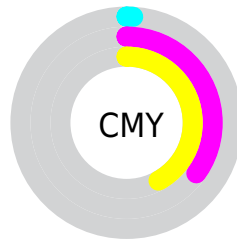
- Red (99%)
- Green (65%)
- Blue (58%)



- Red (99%)
- Yellow (66%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3084, 49.9310, 34.5287 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 59.3084, 49.9310, 34.5287 by changing the saturation by 10% instead.


 59.3084, 49.9310,
34.5287


 59.3084, 49.9310,
34.5287


411.9195,
386.3960, 337.3240

 43.1088, 35.3586,
23.0194

 102.9378, 90.0726,
67.8983

 30.1653, 23.9392,
14.4024


 131.0983,
116.4106, 90.5956

 20.1128, 15.2885,
8.2591


163.9765,
147.4393, 117.8594

 12.5858, 9.0221,
4.1711

201.9376,
183.5430, 150.1082

 7.2190, 4.7556,
1.7197

245.3472,
225.1061, 187.7605

 3.6470, 2.1046,
0.3741

294.5704,

 1.5044, 0.6672,

272.5131, 231.2349

0.0000

349.9728,
326.1482, 280.9498

■ 0.3288, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3084, 49.9310,
34.5287

■ 59.3084, 49.9310,
34.5287

■ 54.0080, 42.1925,
23.9384

■ 65.6829, 59.1174,
47.6371

■ 49.7180, 35.8205,
15.7012

■ 73.1832, 69.8130,
63.4085

■ 46.3735, 30.7369,
9.6369

■ 81.8617, 82.0843,
81.9801

■ 43.9001, 26.8525,
5.5376

■ 91.7668, 95.9919,
103.4788

■ 42.2117, 24.0660,
3.1545

94.3179, 99.6226,
108.8657

■ 41.3000, 22.4668,
2.1598

Harmonies

Analogous

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



62.2892, 49.9310, 50.3595



59.3084, 49.9310, 34.5287



53.1859, 49.9310, 25.9958

Triad

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



59.3084, 49.9310, 34.5287



36.0927, 49.9310, 40.0595



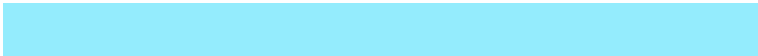
48.9074, 49.9310, 102.9581

Complementary

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



59.3084, 49.9310, 34.5287



59.9364, 73.3755, 103.9322

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.



42.1567, 49.9310, 98.2432



59.3084, 49.9310, 34.5287



35.1902, 49.9310, 58.5803

Square

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



59.3084, 49.9310, 34.5287



39.9015, 49.9310, 28.5906



37.3015, 49.9310, 80.6365



55.9127, 49.9310, 92.2715

Rectangle

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



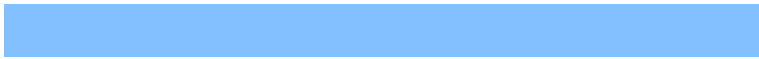
59.3084, 49.9310, 34.5287



48.3967, 49.9310, 24.0562



37.3015, 49.9310, 80.6365



46.5313, 49.9310, 103.1509

Sweetspot

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



59.3097, 49.9335, 34.5297



82.8668, 82.8994, 82.4394



66.4207, 48.1919, 86.1136



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.



59.3097, 49.9335, 34.5297



55.7169, 44.0322, 25.8124



70.4734, 72.2609, 38.2509



18.2469, 18.4621, 18.7462



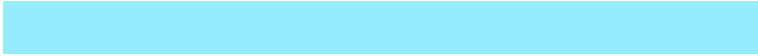
22.0381, 12.0875, 1.1716



2.2102, 1.3058, 0.1355

Inverse Universe

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



59.9364, 73.3755, 103.9322



56.3997, 70.8158, 105.3040



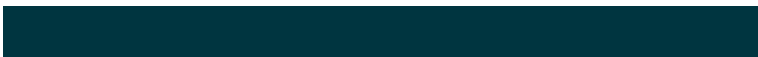
47.2394, 47.9816, 99.6999



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 59.3084, 49.9310, 34.5287 looks on a white background.

Color Contrast Check

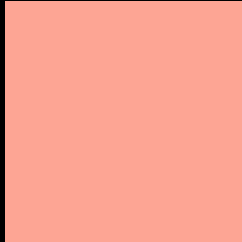
Large Text (above 18pt) WCAG AA × Fail

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 59.3084, 49.9310, 34.5287 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 59.3084, 49.9310, 34.5287

Background



This preview shows how black text looks on a background with the XYZ color 59.3084, 49.9310, 34.5287.



This preview shows how white text looks on a background with the XYZ color 59.3084, 49.9310,

34.5287.

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

59.3084, 49.9310, 34.5287

Protanopia

47.3170, 50.0496, 39.9676

Deuteranopia

50.9473, 49.9025, 33.7350



Tritanopia

61.5277, 49.7669, 45.8983

Trichromacy



Original Color

59.3084, 49.9310, 34.5287

Protanomaly

50.9499, 49.5122, 37.8818

Deuteranomaly

53.7970, 49.8911, 33.9887

Tritanomaly

60.4942, 49.5918, 41.5057

Monochromacy



Original Color

59.3084, 49.9310, 34.5287

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.1126, 49.6956, 46.9427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3084, 49.9310, 34.5287 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(253, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(253, 165, 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(253, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 59.3084, 49.9310, 34.5287 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(253, 165, 148) }
```


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

```
.border{ border-color:rgb(253, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(253, 165,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3084, 49.9310, 34.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 165, 148) }
```

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

```
.background{ background-color: rgb(253,  
165, 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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