

Converting Colors

XYZ(59.2180, 50.0460, 35.4902)

Have a look what the booklet for
XYZ(59.2180, 50.0460, 35.4902)
contains.

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Color

**XYZ(59.2861, 50.1699,
35.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA696
RGB	252, 166, 150
RGB Percent	99%, 65%, 59%
CMY	0.0118, 0.3490, 0.4118
CMYK	0.00, 0.34, 0.40, 0.01
HSL	9°, 94%, 79%
HSV	9°, 40%, 99%
XYZ	59.2861, 50.1699, 35.4132
YIQ	189.8900, 56.3920, 13.2560

Conversions

Conversions Part 2

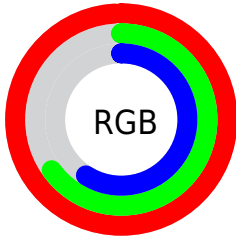
Format	Color
R _Y B	252, 169, 150
Decimal	16557718
CIE Lab	76.17, 29.91, 21.38
CIE LCh	76, 36.766, 35.555
Yxy	50.1699, 0.4092, 0.3463
Android (android.graphics.Color)	4294747798 (0xFFFC696)
YUV	189.8900, -19.6658, 54.4705
Hunter-Lab	70.8307, 25.4527, 19.9383

Details

The XYZ color **59.2861, 50.1699, 35.4132** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1424, 73.5001, 103.1124**, and the grayscale version is **48.9683, 51.5185, 56.1036**.

A 20% lighter version of the original color is **78.2604, 77.8622, 68.0309**, and **30.1496, 24.0486, 14.8572** is the 20% darker color. If you saturate the color by 10%, you get **53.9227, 42.3489, 24.6677**, and if you desaturate by 10%, it is **65.7264, 59.4463, 48.6713**.

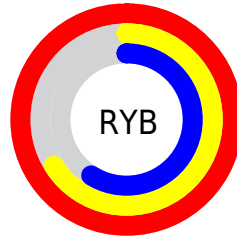
Distribution



Red (99%)

Green (65%)

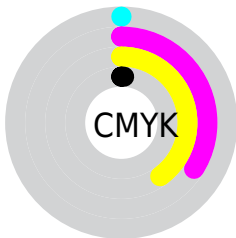
Blue (59%)



Red (99%)

Yellow (66%)

Blue (59%)

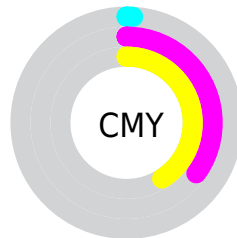


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2861, 50.1699, 35.4132 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 59.2861, 50.1699, 35.4132 by changing the saturation by 10% instead.


 59.2861, 50.1699,
35.4132


 59.2861, 50.1699,
35.4132


411.8384,
387.3300, 341.3479

 43.0907, 35.5484,
23.6952

 102.9056, 90.4266,
69.2842

 30.1511, 24.0856,
14.8976


 131.0605,
116.8305, 92.2743

 20.1020, 15.3972,
8.6017


163.9325,
147.9308, 119.8589

 12.5779, 9.0986,
4.3891

201.8872,
184.1117, 152.4565

 7.2135, 4.8055,
1.8411

245.2897,
225.7577, 190.4857

 3.6435, 2.1336,
0.4549

294.5055,

 1.5025, 0.6834,

273.2531, 234.3650

0.0000

349.8999,
326.9824, 284.5129

■ 0.3275, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2861, 50.1699,
35.4132

■ 59.2861, 50.1699,
35.4132

■ 53.9227, 42.3489,
24.6677

■ 65.7264, 59.4463,
48.6713

■ 49.5729, 35.9020,
16.2727

■ 73.2946, 70.2393,
64.5843

■ 46.1723, 30.7511,
10.0517

■ 82.0431, 82.6156,
83.2872

■ 43.6477, 26.8073,
5.8019

■ 92.0199, 96.6356,
104.9052

■ 41.9140, 23.9699,
3.2818

93.9548, 99.4354,
108.8487

■ 40.8883, 22.1824,
2.1266

Harmonies

Analogous

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



62.1118, 50.1699, 51.0378



59.2861, 50.1699, 35.4132



53.3756, 50.1699, 26.8707

Triad

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



59.2861, 50.1699, 35.4132



36.6202, 50.1699, 40.3916



48.9781, 50.1699, 101.7173

Complementary

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



59.2861, 50.1699, 35.4132



60.1424, 73.5001, 103.1124

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.



42.4140, 50.1699, 96.9205



59.2861, 50.1699, 35.4132



35.6853, 50.1699, 58.3796

Square

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



59.2861, 50.1699, 35.4132



40.3939, 50.1699, 29.2233



37.7055, 50.1699, 79.7713



55.8045, 50.1699, 91.6403

Rectangle

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



59.2861, 50.1699, 35.4132



48.7183, 50.1699, 24.8755



37.7055, 50.1699, 79.7713



46.6664, 50.1699, 101.8143

Sweetspot

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



59.2874, 50.1724, 35.4142



82.8240, 82.8139, 82.4251



66.2936, 48.6054, 85.7789



17.4666, 17.3568, 17.0817



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.



59.2874, 50.1724, 35.4142



56.1243, 44.5764, 26.7827



70.2828, 72.1632, 39.0793



17.4645, 17.6648, 17.9516



21.3664, 11.6894, 1.1302



2.0410, 1.2069, 0.1254

Inverse Universe

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



60.1424, 73.5001, 103.1124



57.0846, 71.6118, 105.4215



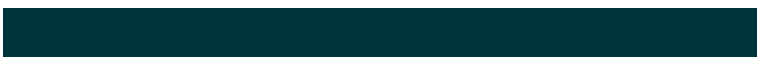
47.6445, 48.5043, 98.9464



17.5202, 19.1173, 22.1519



21.5663, 28.4882, 52.3357



2.0578, 2.7592, 4.8673

Previews

White Background



This preview shows how the XYZ color 59.2861, 50.1699, 35.4132 looks on a white background.

Color Contrast Check

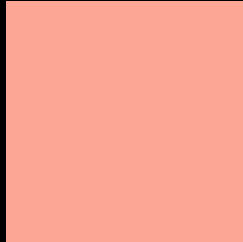
Large Text (above 18pt) WCAG AA × Fail

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 59.2861, 50.1699, 35.4132 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 59.2861, 50.1699, 35.4132

Background



This preview shows how black text looks on a background with the XYZ color 59.2861, 50.1699, 35.4132.



This preview shows how white text looks on a background with the XYZ color 59.2861, 50.1699,

35.4132.

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

59.2861, 50.1699, 35.4132

Protanopia

47.6171, 50.5103, 40.4975

Deuteranopia

51.3055, 50.3700, 34.6220



Tritanopia

61.5312, 50.0066, 46.9666

Trichromacy



Original Color

59.2861, 50.1699, 35.4132

Protanomaly

51.2355, 49.9482, 38.3931

Deuteranomaly

54.1493, 50.3446, 34.8805

Tritanomaly

60.4881, 49.8302, 42.5065

Monochromacy



Original Color

59.2861, 50.1699, 35.4132

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 59.2861, 50.1699, 35.4132 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(252, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(252, 166, 150)  
}
```

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(252, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 166, 150) }
```

Border

The CSS property to change the border of an element to XYZ 59.2861, 50.1699, 35.4132 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(252, 166, 150) }
```


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

```
.border{ border-color:rgb(252, 166, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(252, 166,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2861, 50.1699, 35.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 166, 150) }
```

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

```
.background{ background-color: rgb(252,  
166, 150) }
```

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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