

Converting Colors

XYZ(61.0422, 50.1845, 35.6570)

Have a look what the booklet for
XYZ(61.0422, 50.1845, 35.6570)
contains.

| | |
|--|----|
| XYZ(59.9231, 49.6888, 35.7108) | 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(59.9231, 49.6888,
35.7108)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA397 |
| RGB | 255, 163, 151 |
| RGB Percent | 100%, 64%, 59% |
| CMY | 0.0000, 0.3608, 0.4078 |
| CMYK | 0.00, 0.36, 0.41, 0.00 |
| HSL | 7°, 100%, 80% |
| HSV | 7°, 41%, 100% |
| XYZ | 59.9231, 49.6888, 35.7108 |
| YIQ | 189.1400, 58.6840, 15.7720 |

Conversions

Conversions Part 2

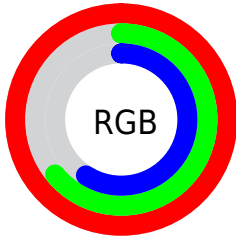
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 165, 151 |
| Decimal | 16753559 |
| CIE Lab | 75.88, 32.71, 20.49 |
| CIE LCh | 76, 38.595, 32.058 |
| Yxy | 49.6888, 0.4123, 0.3419 |
| Android (android.graphics.Color) | 4294943639 (0xFFFFA397) |
| YUV | 189.1400, -18.8030, 57.7592 |
| Hunter-Lab | 70.4903, 28.3831, 19.3065 |

Details

The XYZ color **59.9231, 49.6888, 35.7108** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8615, 77.8971, 106.3300**, and the grayscale version is **48.5318, 51.0593, 55.6036**.

A 20% lighter version of the original color is **77.5910, 76.3308, 68.4014**, and **30.6411, 23.8077, 15.0370** is the 20% darker color. If you saturate the color by 10%, you get **54.4178, 41.6417, 24.7399**, and if you desaturate by 10%, it is **66.5931, 59.3485, 49.2804**.

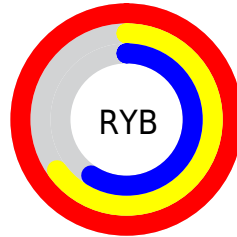
Distribution



Red (100%)

Green (64%)

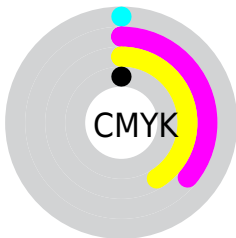
Blue (59%)



Red (100%)

Yellow (65%)

Blue (59%)

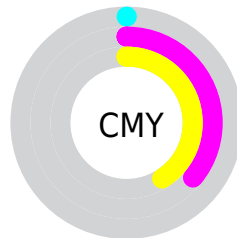


Cyan (0%)

Magenta (36%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9231, 49.6888, 35.7108 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 59.9231, 49.6888, 35.7108 by changing the saturation by 10% instead.


 59.9231, 49.6888,
35.7108


 59.9231, 49.6888,
35.7108


414.1535,
385.4477, 342.6938

 43.6059, 35.1662,
23.9230

 103.8251, 89.7136,
69.7495

 30.5574, 23.7909,
15.0648


 132.1406,
115.9846, 92.8374

 20.4122, 15.1786,
8.7178


165.1862,
146.9405, 120.5292

 12.8050, 8.9448,
4.4633

203.3272,
182.9658, 153.2433

 7.3705, 4.7052,
1.8828

246.9292,
224.4447, 191.3982

 3.7432, 2.0754,
0.4817

296.3573,

 1.5579, 0.6507,

271.7617, 235.4126

0.0000

351.9770,
325.3013, 285.7050

■ 0.3647, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9231, 49.6888,
35.7108

■ 59.9231, 49.6888,
35.7108

■ 54.4178, 41.6417,
24.7399

■ 66.5931, 59.3485,
49.2804

■ 50.0062, 35.1121,
16.1987

■ 74.4858, 70.6943,
65.5975

■ 46.6157, 30.0067,
9.9024

■ 83.6596, 83.8042,
84.8028

■ 44.1626, 26.2182,
5.6389

■ 94.1683, 98.7490,
107.0268

■ 42.5499, 23.6244, 95.0499, 100.0000,
3.1546 108.9000

■ 41.6901, 22.1603,
2.0800

Harmonies

Analogous

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



62.4141, 49.6888, 52.6951



59.9231, 49.6888, 35.7108



53.9977, 49.6888, 26.1480

Triad

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



59.9231, 49.6888, 35.7108



36.0497, 49.6888, 37.6079



47.7252, 49.6888, 104.0244

Complementary

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



59.9231, 49.6888, 35.7108



62.8615, 77.8971, 106.3300

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.



41.0486, 49.6888, 97.0954



59.9231, 49.6888, 35.7108



34.7292, 49.6888, 55.5350

Square

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



59.9231, 49.6888, 35.7108



40.2715, 49.6888, 27.0323



36.4654, 49.6888, 77.9230



54.9421, 49.6888, 95.0135

Rectangle

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



59.9231, 49.6888, 35.7108



49.1614, 49.6888, 23.6281



36.4654, 49.6888, 77.9230



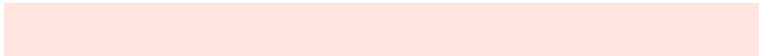
45.3454, 49.6888, 103.4783

Sweetspot

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



59.9244, 49.6912, 35.7118



82.4737, 82.1132, 82.3084



68.7271, 49.9618, 92.0876



17.3848, 17.1933, 17.0545



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.



59.9244, 49.6912, 35.7118



55.3179, 42.9636, 26.5139



70.7210, 71.2845, 39.3106



18.1782, 18.3246, 18.7232



21.8372, 11.6856, 1.1046



2.1780, 1.2414, 0.1248

Inverse Universe

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



62.8615, 77.8971, 106.3300



58.5934, 74.6294, 105.9245



49.7945, 51.7631, 101.9743



18.3653, 20.1022, 23.1621



23.6515, 32.2126, 54.4057



2.3515, 3.2337, 5.3135

Previews

White Background



This preview shows how the XYZ color 59.9231, 49.6888, 35.7108 looks on a white background.

Color Contrast Check

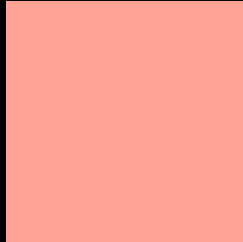
Large Text (above 18pt) WCAG AA × Fail

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 59.9231, 49.6888, 35.7108 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 59.9231, 49.6888, 35.7108

Background



This preview shows how black text looks on a background with the XYZ color 59.9231, 49.6888, 35.7108.



This preview shows how white text looks on a background with the XYZ color 59.9231, 49.6888,

35.7108.

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

59.9231, 49.6888, 35.7108

Protanopia

47.4071, 50.0553, 41.8133

Deuteranopia

50.8800, 49.8407, 34.9555



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

59.9231, 49.6888, 35.7108



Protanomaly

51.0918, 49.2494, 39.6141



Deuteranomaly

53.8396, 49.5978, 35.1695



Tritanomaly

60.8612, 49.7810, 41.5229

Monochromacy



Original Color

59.9231, 49.6888, 35.7108



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.4997, 49.8838, 47.4716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9231, 49.6888, 35.7108 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, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 151)  
}
```

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, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 151) }
```

Border

The CSS property to change the border of an element to XYZ 59.9231, 49.6888, 35.7108 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, 163, 151) }
```


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

```
.border{ border-color:rgb(255, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9231, 49.6888, 35.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 151) }
```

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

```
.background{ background-color: rgb(255,  
163, 151) }
```

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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