

Converting Colors

XYZ(59.8709, 48.4606, 39.1575)

Have a look what the booklet for
XYZ(59.8709, 48.4606, 39.1575)
contains.

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Color

**XYZ(59.8961, 48.5595,
39.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9F
RGB	255, 159, 159
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3764, 0.3765
CMYK	0.00, 0.38, 0.38, 0.00
HSL	0°, 100%, 81%
HSV	0°, 38%, 100%
XYZ	59.8961, 48.5595, 39.0169
YIQ	187.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

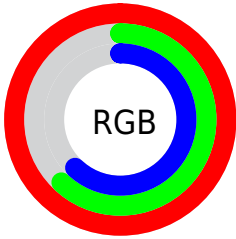
Format	Color
R _{YB}	255, 159, 159
Decimal	16752543
CIE _{Lab}	75.18, 35.67, 15.14
CIE _{LCh}	75, 38.750, 23.006
Yxy	48.5595, 0.4062, 0.3293
Android (android.graphics.Color)	4294942623 (0xFFFF9F9F)
YUV	187.7040, -14.1511, 59.0186
Hunter-Lab	69.6846, 31.4781, 15.5824

Details

The XYZ color **59.8961, 48.5595, 39.0169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1063, 86.1071, 107.6383**, and the grayscale version is **47.6882, 50.1718, 54.6370**.

A 20% lighter version of the original color is **77.6780, 74.7159, 73.9459**, and **30.6258, 23.1265, 17.0371** is the 20% darker color. If you saturate the color by 10%, you get **53.9656, 39.8820, 27.2259**, and if you desaturate by 10%, it is **67.1900, 59.2331, 53.5151**.

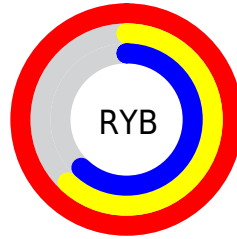
Distribution



Red (100%)

Green (62%)

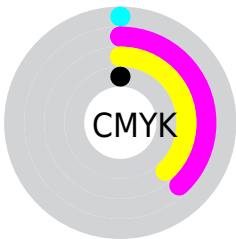
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

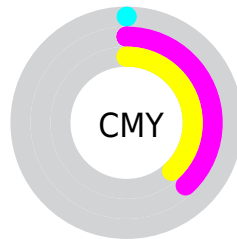


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8961, 48.5595, 39.0169 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 59.8961, 48.5595, 39.0169 by changing the saturation by 10% instead.


 59.8961, 48.5595,
39.0169

 59.8961, 48.5595,
39.0169


414.0556,
381.0056, 357.3904

 43.5840, 34.2702,
26.4649


 103.7861, 88.0369,
74.8848

 30.5401, 23.1012,
16.9429


 132.0948,
113.9937, 99.0377

 20.3990, 14.6683,
10.0323


165.1331,
144.6085, 127.8948

 12.7954, 8.5869,
5.3145

203.2663,
180.2656, 161.8745

 7.3638, 4.4727,
2.3710

246.8598,
221.3495, 201.3954

 3.7390, 1.9414,
0.7706

296.2789,

 1.5556, 0.5731,

268.2445, 246.8760

0.0000

351.8891,
321.3351, 298.7348

■ 0.3632, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8961, 48.5595,
39.0169

■ 59.8961, 48.5595,
39.0169

■ 53.9656, 39.8820,
27.2259

■ 67.1900, 59.2331,
53.5151

■ 49.3104, 33.0700,
17.9719

■ 75.9205, 72.0082,
70.8710

■ 45.8381, 27.9889,
11.0695

■ 86.1602, 86.9918,
91.2273

■ 43.4423, 24.4830,
6.3071

95.0499, 100.0000,
108.9000

■ 41.9974, 22.3686,
3.4353

■ 41.3381, 21.4037,
2.1249

■ 41.2401, 21.2603,
1.9301

Harmonies

Analogous

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



61.0747, 48.5595, 57.7787



59.8961, 48.5595, 39.0169



54.8667, 48.5595, 27.3891

Triad

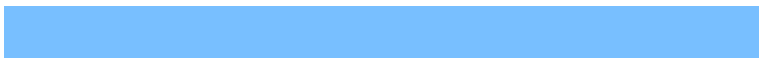
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8961, 48.5595, 39.0169



36.0863, 48.5595, 32.6625



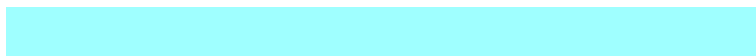
44.5117, 48.5595, 101.9515

Complementary

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



59.8961, 48.5595, 39.0169



68.1063, 86.1071, 107.6383

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.



38.4169, 48.5595, 90.6536



59.8961, 48.5595, 39.0169



33.8863, 48.5595, 48.2532

Square

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



59.8961, 48.5595, 39.0169



41.0216, 48.5595, 24.4313



34.6937, 48.5595, 69.6735



51.6983, 48.5595, 97.6468

Rectangle

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



59.8961, 48.5595, 39.0169



50.2608, 48.5595, 23.6027



34.6937, 48.5595, 69.6735



42.2779, 48.5595, 99.7730

Sweetspot

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



59.8974, 48.5619, 39.0178



82.5541, 81.7151, 84.0584



71.6882, 53.2766, 101.1126



17.3685, 17.0493, 17.3927



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.



59.8974, 48.5619, 39.0178



55.4078, 41.9922, 30.0927



69.8110, 68.3891, 42.3224



18.0095, 17.9873, 18.6670



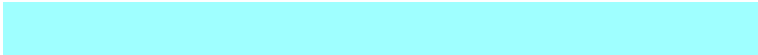
21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

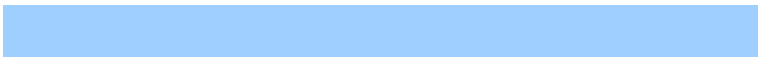
The Inverse Universe completely reimagines the original color for something new.



68.1063, 86.1071, 107.6383



64.6651, 84.3327, 107.4774



54.6612, 59.2169, 103.1566



18.5548, 20.4813, 23.2253



28.1143, 41.1382, 55.8933



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 59.8961, 48.5595, 39.0169 looks on a white background.

Color Contrast Check

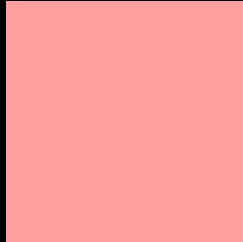
Large Text (above 18pt) WCAG AA × Fail

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 59.8961, 48.5595, 39.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

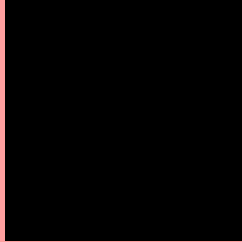
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8961, 48.5595, 39.0169

Background



This preview shows how black text looks on a background with the XYZ color 59.8961, 48.5595, 39.0169.



This preview shows how white text looks on a background with the XYZ color 59.8961, 48.5595,

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

59.8961, 48.5595, 39.0169

Protanopia

46.5336, 48.8829, 46.0125

Deuteranopia

49.6527, 48.5372, 38.2041



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

59.8961, 48.5595, 39.0169



Protanomaly

50.5247, 48.2878, 43.2167



Deuteranomaly

52.9618, 48.2182, 38.4139



Tritanomaly

60.2584, 48.4303, 41.7693

Monochromacy



Original Color

59.8961, 48.5595, 39.0169



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.8093, 48.6157, 48.3008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8961, 48.5595, 39.0169 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 59.8961, 48.5595, 39.0169 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, 159, 159) }
```


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

```
.border{ border-color:rgb(255, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8961, 48.5595, 39.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 159) }
```

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

```
.background{ background-color: rgb(255,  
159, 159) }
```

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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