

Converting Colors

XYZ(60.2566, 48.5675, 39.8014)

Have a look what the booklet for
XYZ(60.2566, 48.5675, 39.8014)
contains.

XYZ(59.8999, 48.2869, 39.8815)	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(59.8999, 48.2869,
39.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA1
RGB	255, 158, 161
RGB Percent	100%, 62%, 63%
CMY	0.0000, 0.3804, 0.3686
CMYK	0.00, 0.38, 0.37, 0.00
HSL	358°, 100%, 81%
HSV	358°, 38%, 100%
XYZ	59.8999, 48.2869, 39.8815
YIQ	187.3450, 56.8490, 21.4970

Conversions

Conversions Part 2

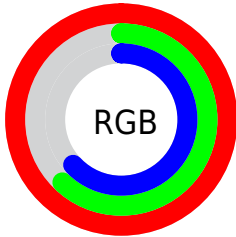
Format	Color
R _Y B	255, 158, 161
Decimal	16752289
CIE Lab	75.01, 36.41, 13.81
CIE LCh	75, 38.944, 20.766
Yxy	48.2869, 0.4045, 0.3261
Android (android.graphics.Color)	4294942369 (0xFFFF9EA1)
YUV	187.3450, -12.9881, 59.3334
Hunter-Lab	69.4888, 32.2631, 14.6140

Details

The XYZ color **59.8999, 48.2869, 39.8815** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4334, 85.8184, 105.1104**, and the grayscale version is **47.4786, 49.9512, 54.3969**.

A 20% lighter version of the original color is **77.6812, 74.3110, 75.2150**, and **30.6310, 22.9647, 17.5701** is the 20% darker color. If you saturate the color by 10%, you get **54.0246, 39.6861, 28.2130**, and if you desaturate by 10%, it is **67.1107, 58.8694, 54.1209**.

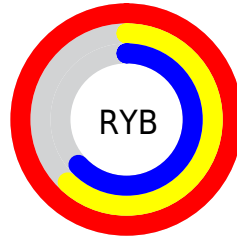
Distribution



Red (100%)

Green (62%)

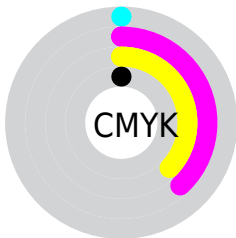
Blue (63%)



Red (100%)

Yellow (62%)

Blue (63%)

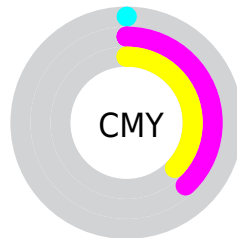


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8999, 48.2869, 39.8815 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 59.8999, 48.2869, 39.8815 by changing the saturation by 10% instead.


 59.8999, 48.2869,
39.8815


 59.8999, 48.2869,
39.8815


414.0694,
379.9282, 361.1611

 43.5871, 34.0541,
27.1331

 103.7916, 87.6314,
76.2181

 30.5426, 22.9352,
17.4399


 132.1013,
113.5120, 100.6435

 20.4009, 14.5457,
10.3833


165.1405,
144.0439, 129.7981

 12.7967, 8.5012,
5.5449

203.2749,
179.6116, 164.1007

 7.3648, 4.4173,
2.5061

246.8695,
220.5995, 203.9698

 3.7396, 1.9096,
0.8434

296.2899,

 1.5559, 0.5541,

267.3920, 249.8238

0.0000

351.9014,
320.3734, 302.0814

■ 0.3634, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8999, 48.2869,
39.8815

■ 59.8999, 48.2869,
39.8815

■ 54.0246, 39.6861,
28.2130

■ 67.1107, 58.8694,
54.1209

■ 49.3995, 32.9372,
18.9596

■ 75.7282, 71.5387,
71.0689

■ 45.9349, 27.9063,
11.9530

■ 85.8228, 86.4008,
90.8566

■ 43.5281, 24.4385,
7.0020

95.0500, 100.0000,
108.9000

■ 42.0580, 22.3507,
3.8839

■ 41.3652, 21.3970,
2.3214

■ 41.2831, 21.2773,
2.1571

Harmonies

Analogous

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



60.7530, 48.2869, 59.1115



59.8999, 48.2869, 39.8815



55.0952, 48.2869, 27.7090

Triad

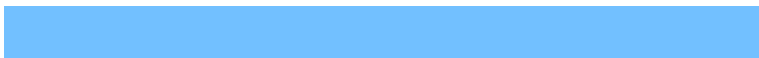
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8999, 48.2869, 39.8815



36.1006, 48.2869, 31.4991



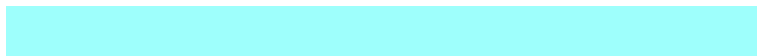
43.7366, 48.2869, 101.4569

Complementary

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



59.8999, 48.2869, 39.8815



67.4334, 85.8184, 105.1104

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.



37.7811, 48.2869, 89.1028



59.8999, 48.2869, 39.8815



33.6819, 48.2869, 46.5413

Square

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



59.8999, 48.2869, 39.8815



41.2172, 48.2869, 23.8092



34.2636, 48.2869, 67.7139



50.9145, 48.2869, 98.3336

Rectangle

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



59.8999, 48.2869, 39.8815



50.5471, 48.2869, 23.5986



34.2636, 48.2869, 67.7139



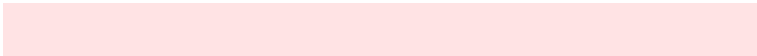
41.5379, 48.2869, 98.8784

Sweetspot

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



59.9011, 48.2893, 39.8824



82.6735, 81.7620, 84.6892



70.3385, 52.3280, 101.0008



17.3967, 17.0604, 17.5414



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.



59.9011, 48.2893, 39.8824



55.1172, 41.2837, 30.3885



68.8319, 66.5685, 41.5719



18.0321, 17.9962, 18.7862



21.5811, 11.1217, 1.1788



2.1089, 1.0859, 0.1550

Inverse Universe

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



59.9011, 48.2893, 39.8824



55.1172, 41.2837, 30.3885



55.1334, 60.4529, 103.3705



18.0321, 17.9962, 18.7862



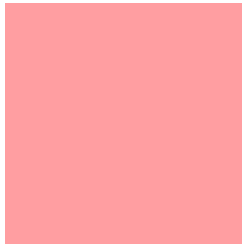
21.5811, 11.1217, 1.1788



2.1089, 1.0859, 0.1550

Previews

White Background



This preview shows how the XYZ color 59.8999, 48.2869, 39.8815 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 59.8999, 48.2869, 39.8815 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 59.8999, 48.2869, 39.8815

Background



This preview shows how black text looks on a background with the XYZ color 59.8999, 48.2869, 39.8815.



This preview shows how white text looks on a background with the XYZ color 59.8999, 48.2869,

39.8815.

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

59.8999, 48.2869, 39.8815

Protanopia

46.3642, 48.4525, 47.4660

Deuteranopia

49.4468, 48.4212, 38.6384



Tritanopia

60.4584, 48.2385, 43.6606

Trichromacy



Original Color

59.8999, 48.2869, 39.8815



Protanomaly

50.3172, 47.8584, 44.6158



Deuteranomaly

52.7294, 48.0884, 38.8506



Tritanomaly

60.1799, 48.1271, 42.1940

Monochromacy



Original Color

59.8999, 48.2869, 39.8815



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.7126, 48.2621, 48.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8999, 48.2869, 39.8815 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, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 161)  
}
```

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, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.8999, 48.2869, 39.8815 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, 158, 161) }
```


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

```
.border{ border-color:rgb(255, 158, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8999, 48.2869, 39.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 161) }
```

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

```
.background{ background-color: rgb(255,  
158, 161) }
```

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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