

Converting Colors

XYZ(128.8749, 84.3072,
42.3029)

Have a look what the booklet for
XYZ(128.8749, 84.3072, 42.3029)
contains.

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Color

**XYZ(60.0688, 48.9048,
39.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA09F
RGB	255, 160, 159
RGB Percent	100%, 63%, 62%
CMY	0.0000, 0.3725, 0.3765
CMYK	0.00, 0.37, 0.38, 0.00
HSL	1°, 100%, 81%
HSV	1°, 38%, 100%
XYZ	60.0688, 48.9048, 39.0745
YIQ	188.2910, 56.9410, 19.8290

Conversions

Conversions Part 2

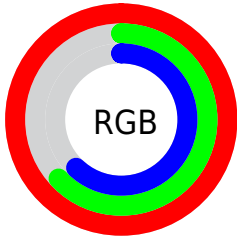
Format	Color
R _Y B	255, 160, 159
Decimal	16752799
CIE Lab	75.39, 35.15, 15.45
CIE LCh	75, 38.395, 23.722
Yxy	48.9048, 0.4057, 0.3303
Android (android.graphics.Color)	4294942879 (0xFFFFA09F)
YUV	188.2910, -14.4405, 58.5038
Hunter-Lab	69.9320, 30.9435, 15.8241

Details

The XYZ color **60.0688, 48.9048, 39.0745** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7883, 85.4711, 107.5324**, and the grayscale version is **48.0235, 50.5244, 55.0211**.

A 20% lighter version of the original color is **77.9335, 75.2268, 74.0310**, and **30.7294, 23.3339, 17.0716** is the 20% darker color. If you saturate the color by 10%, you get **54.1408, 40.2323, 27.2844**, and if you desaturate by 10%, it is **67.3435, 59.5400, 53.5664**.

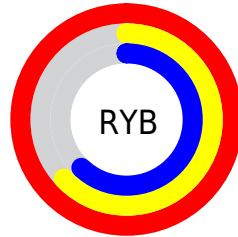
Distribution



Red (100%)

Green (63%)

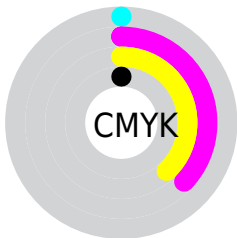
Blue (62%)



Red (100%)

Yellow (63%)

Blue (62%)

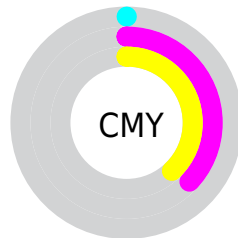


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0688, 48.9048, 39.0745 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 60.0688, 48.9048, 39.0745 by changing the saturation by 10% instead.


 60.0688, 48.9048,
39.0745


 60.0688, 48.9048,
39.0745


414.6820,
382.3674, 357.6425

 43.7238, 34.5440,
26.5094

 104.0352, 88.5500,
74.9737

 30.6504, 23.3118,
16.9759

 132.3874,
114.6032, 99.1449

 20.4833, 14.8239,
10.0556


165.4725,
145.3227, 128.0219

 12.8571, 8.6959,
5.3297

203.6562,
181.0928, 162.0232

 7.4066, 4.5434,
2.3799

247.3036,
222.2979, 201.5674

 3.7662, 1.9819,
0.7755

296.7801,

 1.5707, 0.5969,

269.3225, 247.0730

0.0000

352.4511,
322.5508, 298.9585

■ 0.3732, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0688, 48.9048,
39.0745

■ 60.0688, 48.9048,
39.0745

■ 54.1408, 40.2323,
27.2844

■ 67.3435, 59.5400,
53.5664

■ 49.4734, 33.3958,
18.0262

■ 76.0364, 72.2401,
70.9097

■ 45.9764, 28.2654,
11.1156

■ 86.2186, 87.1086,
91.2469

■ 43.5464, 24.6911,
6.3418

95.0500, 100.0000,
108.9000

■ 42.0615, 22.4966,
3.4566

■ 41.3663, 21.4600,
2.1343

■ 41.2690, 21.3180,
1.9397

Harmonies

Analogous

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



61.3435, 48.9048, 57.6198



60.0688, 48.9048, 39.0745



54.9972, 48.9048, 27.6300

Triad

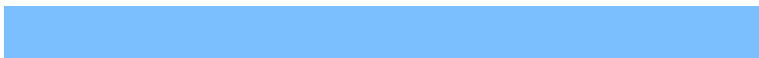
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.0688, 48.9048, 39.0745



36.3642, 48.9048, 33.3784



45.0121, 48.9048, 102.0677

Complementary

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



60.0688, 48.9048, 39.0745



67.7883, 85.4711, 107.5324

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.



38.8954, 48.9048, 91.1957



60.0688, 48.9048, 39.0745



34.2393, 48.9048, 49.1050

Square

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



60.0688, 48.9048, 39.0745



41.2263, 48.9048, 24.9717



35.1169, 48.9048, 70.4936



52.1675, 48.9048, 97.4252

Rectangle

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



60.0688, 48.9048, 39.0745



50.3972, 48.9048, 23.9428



35.1169, 48.9048, 70.4936



42.7761, 48.9048, 100.0339

Sweetspot

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



60.0701, 48.9072, 39.0754



82.6340, 81.8749, 84.0850



71.6883, 53.2767, 101.1127



17.3874, 17.0870, 17.3990



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.



60.0701, 48.9072, 39.0754



55.5837, 42.3442, 30.1514



69.8111, 68.3892, 42.3224



18.0247, 18.0175, 18.6721



21.5705, 11.1523, 1.0157



2.1054, 1.0961, 0.1006

Inverse Universe

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



67.7883, 85.4711, 107.5324



64.2851, 83.5727, 107.3507



54.6613, 59.2170, 103.1568



18.5376, 20.4469, 23.2196



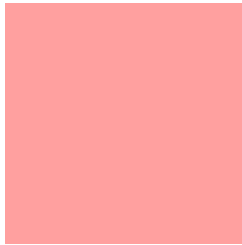
27.6822, 40.2740, 55.7492



2.7004, 3.9315, 5.4298

Previews

White Background



This preview shows how the XYZ color 60.0688, 48.9048, 39.0745 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 60.0688, 48.9048, 39.0745 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 60.0688, 48.9048, 39.0745

Background



This preview shows how black text looks on a background with the XYZ color 60.0688, 48.9048, 39.0745.



This preview shows how white text looks on a background with the XYZ color 60.0688, 48.9048,

39.0745.

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

60.0688, 48.9048, 39.0745

Protanopia

46.7877, 49.0139, 46.0244

Deuteranopia

50.1452, 49.0876, 38.2844



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

60.0688, 48.9048, 39.0745



Protanomaly

50.8193, 48.4396, 43.2305



Deuteranomaly

53.4715, 48.7624, 38.4921



Tritanomaly

60.5211, 48.8094, 42.3077

Monochromacy



Original Color

60.0688, 48.9048, 39.0745



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.0076, 49.0122, 48.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0688, 48.9048, 39.0745 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, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 60.0688, 48.9048, 39.0745 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, 160, 159) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0688, 48.9048, 39.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 159) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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