

Converting Colors

XYZ(58.7122, 48.3622, 39.9029)

Have a look what the booklet for
XYZ(58.7122, 48.3622, 39.9029)
contains.

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Color

**XYZ(58.6022, 48.3869,
39.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA1A1
RGB	250, 161, 161
RGB Percent	98%, 63%, 63%
CMY	0.0196, 0.3686, 0.3686
CMYK	0.00, 0.36, 0.36, 0.02
HSL	0°, 90%, 81%
HSV	0°, 36%, 98%
XYZ	58.6022, 48.3869, 39.9692
YIQ	187.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

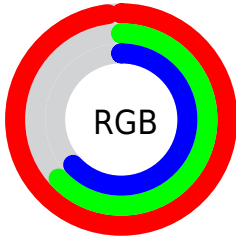
Format	Color
R _Y B	250, 161, 161
Decimal	16425377
CIE Lab	75.07, 33.03, 13.81
CIE LCh	75, 35.797, 22.695
Yxy	48.3869, 0.3988, 0.3293
Android (android.graphics.Color)	4294615457 (0xFFFAA1A1)
YUV	187.6110, -13.1192, 54.7152
Hunter-Lab	69.5607, 28.6482, 14.6248

Details

The XYZ color **58.6022, 48.3869, 39.9692** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1375, 82.8473, 102.9478**, and the grayscale version is **47.6314, 50.1120, 54.5719**.

A 20% lighter version of the original color is **78.4475, 75.8436, 75.4704**, and **29.6629, 22.9273, 17.6139** is the 20% darker color. If you saturate the color by 10%, you get **52.6736, 39.7122, 28.1821**, and if you desaturate by 10%, it is **65.8474, 58.9892, 54.3706**.

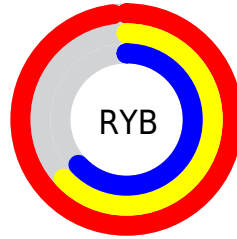
Distribution



Red (98%)

Green (63%)

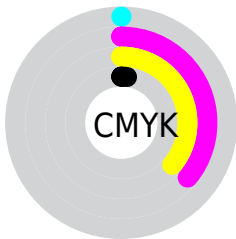
Blue (63%)



Red (98%)

Yellow (63%)

Blue (63%)

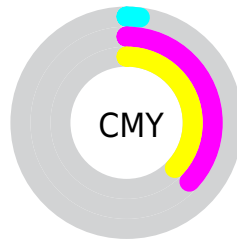


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6022, 48.3869, 39.9692 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 58.6022, 48.3869, 39.9692 by changing the saturation by 10% instead.


 58.6022, 48.3869,
39.9692

 58.6022, 48.3869,
39.9692


409.3439,
380.3237, 361.5420

 42.5381, 34.1334,
27.2009


 101.9172, 87.7802,
76.3532

 29.7158, 22.9961,
17.4904


 129.8989,
113.6887, 100.8060

 19.7700, 14.5906,
10.4191


162.5837,
144.2511, 129.9907

 12.3352, 8.5326,
5.5685

200.3372,
179.8516, 164.3259

 7.0462, 4.4376,
2.5200

243.5246,
220.8748, 204.2300

 3.5376, 1.9212,
0.8507

292.5112,

 1.4440, 0.5611,

267.7049, 250.1218

0.0000

347.6626,
320.7264, 302.4196

■ 0.2873, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6022, 48.3869,
39.9692

■ 58.6022, 48.3869,
39.9692

■ 52.6736, 39.7122,
28.1821

■ 65.8474, 58.9892,
54.3706

■ 47.9791, 32.8427,
18.8498

■ 74.4775, 71.6175,
71.5271

■ 44.4328, 27.6532,
11.8001

■ 84.5609, 86.3723,
91.5726

■ 41.9361, 23.9997,
6.8372

■ 93.2343, 99.0640,
108.8150

■ 40.3741, 21.7140,
3.7324

■ 39.6046, 20.5878,
2.2031

■ 39.4245, 20.3243,
1.8451

Harmonies

Analogous

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



59.6332, 48.3869, 57.4009



58.6022, 48.3869, 39.9692



54.0450, 48.3869, 28.9062

Triad

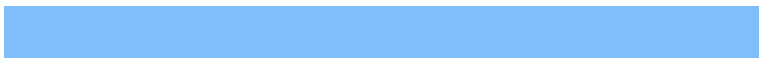
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6022, 48.3869, 39.9692



36.6906, 48.3869, 33.7248



44.4090, 48.3869, 97.1186

Complementary

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



58.6022, 48.3869, 39.9692



66.1375, 82.8473, 102.9478

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.



38.7785, 48.3869, 86.8595



58.6022, 48.3869, 39.9692



34.6051, 48.3869, 48.2349

Square

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



58.6022, 48.3869, 39.9692



41.3046, 48.3869, 25.9430



35.3316, 48.3869, 67.8469



51.0176, 48.3869, 93.4119

Rectangle

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



58.6022, 48.3869, 39.9692



49.8354, 48.3869, 25.2270



35.3316, 48.3869, 67.8469



42.3483, 48.3869, 95.1200

Sweetspot

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



58.6035, 48.3893, 39.9701



82.5541, 81.7150, 84.0584



69.4247, 52.7163, 96.9586



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.



58.6035, 48.3893, 39.9701



56.5578, 43.6750, 32.3790



67.8087, 66.7998, 43.0386



17.2448, 17.2254, 17.8783



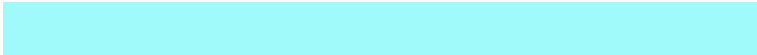
20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



66.1375, 82.8473, 102.9478



65.5468, 84.7875, 107.5187



53.9048, 58.3819, 98.8702



17.7658, 19.6084, 22.2337



27.2835, 39.9226, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 58.6022, 48.3869, 39.9692 looks on a white background.

Color Contrast Check

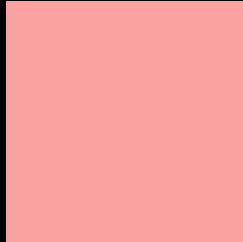
Large Text (above 18pt) WCAG AA × Fail

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 58.6022, 48.3869, 39.9692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

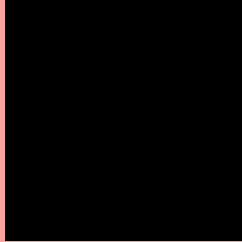
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6022, 48.3869, 39.9692

Background



This preview shows how black text looks on a background with the XYZ color 58.6022, 48.3869, 39.9692.



This preview shows how white text looks on a background with the XYZ color 58.6022, 48.3869,

39.9692.

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

58.6022, 48.3869, 39.9692

Protanopia

46.3776, 48.7914, 46.5085

Deuteranopia

49.5325, 48.4555, 39.0900



Tritanopia

59.5325, 48.2458, 44.7027

Trichromacy



Original Color

58.6022, 48.3869, 39.9692

Protanomaly

49.8381, 47.9123, 44.1574

Deuteranomaly

52.3746, 48.1770, 39.3395

Tritanomaly

59.3295, 48.4409, 42.7822

Monochromacy



Original Color

58.6022, 48.3869, 39.9692

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.8202, 48.9040, 48.8804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6022, 48.3869, 39.9692 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(250, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(250, 161, 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(250, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 58.6022, 48.3869, 39.9692 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(250, 161, 161) }
```


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

```
.border{ border-color:rgb(250, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(250, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6022, 48.3869, 39.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 161, 161) }
```

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

```
.background{ background-color: rgb(250,  
161, 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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