

Converting Colors

XYZ(59.6786, 48.6798, 42.5580)

Have a look what the booklet for
XYZ(59.6786, 48.6798, 42.5580)
contains.

XYZ(59.5986, 48.5902, 42.3141)	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(59.5986, 48.5902,
42.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA0A6
RGB	252, 160, 166
RGB Percent	99%, 63%, 65%
CMY	0.0118, 0.3725, 0.3490
CMYK	0.00, 0.37, 0.34, 0.01
HSL	356°, 94%, 81%
HSV	356°, 37%, 99%
XYZ	59.5986, 48.5902, 42.3141
YIQ	188.1920, 52.9060, 21.3700

Conversions

Conversions Part 2

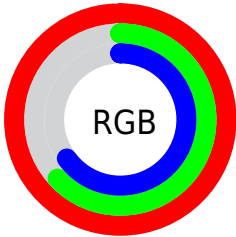
Format	Color
R _Y B	252, 160, 166
Decimal	16556198
CIE Lab	75.20, 34.87, 11.28
CIE LCh	75, 36.655, 17.929
Yxy	48.5902, 0.3960, 0.3229
Android (android.graphics.Color)	4294746278 (0xFFFC A0A6)
YUV	188.1920, -10.9407, 55.9596
Hunter-Lab	69.7067, 30.6293, 12.8038

Details

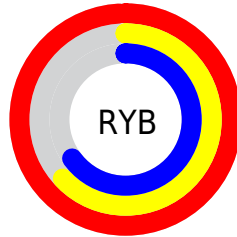
The XYZ color **59.5986, 48.5902, 42.3141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9443, 83.7492, 99.8827**, and the grayscale version is **47.9494, 50.4465, 54.9363**.

A 20% lighter version of the original color is **78.8470, 75.5922, 78.8417**, and **30.2873, 23.0678, 18.7758** is the 20% darker color. If you saturate the color by 10%, you get **53.6978, 39.9358, 30.6443**, and if you desaturate by 10%, it is **66.7832, 59.1783, 56.3656**.

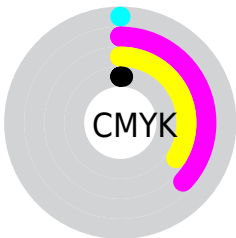
Distribution



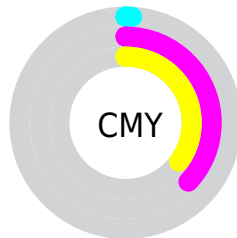
- Red (99%)
- Green (63%)
- Blue (65%)



- Red (99%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5986, 48.5902, 42.3141 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 59.5986, 48.5902, 42.3141 by changing the saturation by 10% instead.


 59.5986, 48.5902,
42.3141


 59.5986, 48.5902,
42.3141


412.9751,
381.1268, 371.6214

 43.3434, 34.2945,
29.0199


 103.3568, 88.0825,
79.9500

 30.3503, 23.1199,
18.8502


 131.5906,
114.0479, 105.1288

 20.2540, 14.6821,
11.3864


164.5479,
144.6720, 135.1062

 12.6892, 8.5966,
6.2099

202.5941,
180.3392, 170.3008

 7.2904, 4.4790,
2.9023

246.0945,
221.4339, 211.1310

 3.6923, 1.9450,
1.0450

295.4146,

 1.5296, 0.5752,

268.3405, 258.0155

0.0000

350.9197,
321.4433, 311.3728

■ 0.3458, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5986, 48.5902,
42.3141

■ 59.5986, 48.5902,
42.3141

■ 53.6978, 39.9358,
30.6443

■ 66.7832, 59.1783,
56.3656

■ 49.0014, 33.0918,
21.2214

■ 75.3171, 71.7997,
72.9178

■ 45.4274, 27.9316,
13.9018

■ 85.2658, 86.5555,
92.0848

■ 42.8817, 24.3095,
8.5237

■ 93.9549, 99.4355,
108.8487

■ 41.2550, 22.0550,
4.9020

■ 40.4122, 20.9553,
2.8151

■ 40.2416, 20.7341,
2.3880

Harmonies

Analogous

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



60.0046, 48.5902, 61.0277



59.5986, 48.5902, 42.3141



55.3925, 48.5902, 29.9191

Triad

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



59.5986, 48.5902, 42.3141



37.2416, 48.5902, 31.7850



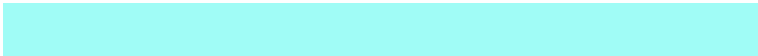
43.5340, 48.5902, 97.9645

Complementary

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



59.5986, 48.5902, 42.3141



65.9443, 83.7492, 99.8827

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.



38.0563, 48.5902, 85.3999



59.5986, 48.5902, 42.3141



34.6666, 48.5902, 45.5397

Square

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



59.5986, 48.5902, 42.3141



42.3195, 48.5902, 24.9334



34.9496, 48.5902, 65.1336



50.2759, 48.5902, 96.4961

Rectangle

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



59.5986, 48.5902, 42.3141



51.2103, 48.5902, 25.4914



34.9496, 48.5902, 65.1336



41.4970, 48.5902, 95.1371

Sweetspot

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



59.5999, 48.5926, 42.3150



82.8073, 81.8156, 85.3938



68.1021, 51.7410, 98.4931



17.4282, 17.0730, 17.7076



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.



59.5999, 48.5926, 42.3150



56.5465, 43.0505, 34.2305



67.1149, 64.4823, 42.1697



17.2905, 17.2435, 18.1194



20.9801, 10.8078, 1.3377



1.9587, 1.0072, 0.2057

Inverse Universe

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



59.5999, 48.5926, 42.3150



56.5465, 43.0505, 34.2305



55.6468, 61.6576, 101.0637



17.2905, 17.2435, 18.1194



20.9801, 10.8078, 1.3377



1.9587, 1.0072, 0.2057

Previews

White Background



This preview shows how the XYZ color 59.5986, 48.5902, 42.3141 looks on a white background.

Color Contrast Check

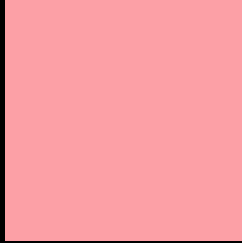
Large Text (above 18pt) WCAG AA × Fail

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 59.5986, 48.5902, 42.3141 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 59.5986, 48.5902, 42.3141

Background



This preview shows how black text looks on a background with the XYZ color 59.5986, 48.5902, 42.3141.



This preview shows how white text looks on a background with the XYZ color 59.5986, 48.5902,

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

59.5986, 48.5902, 42.3141

Protanopia

46.7208, 48.8997, 49.6240

Deuteranopia

49.8823, 48.8816, 41.4563



Tritanopia

59.8937, 48.4320, 44.7196

Trichromacy



Original Color

59.5986, 48.5902, 42.3141



Protanomaly

50.6059, 48.2528, 46.6909



Deuteranomaly

53.1319, 48.5163, 41.6862



Tritanomaly

59.7045, 48.3563, 43.7230

Monochromacy



Original Color

59.5986, 48.5902, 42.3141



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.0226, 48.9850, 49.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5986, 48.5902, 42.3141 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(252, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(252, 160, 166)  
}
```

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(252, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 160, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.5986, 48.5902, 42.3141 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(252, 160, 166) }
```


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

```
.border{ border-color:rgb(252, 160, 166) }
```

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

Here you see how a box with a 4 pixel rgb(252, 160, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(252, 160,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5986, 48.5902, 42.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 160, 166) }
```

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

```
.background{ background-color: rgb(252,  
160, 166) }
```

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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