

Converting Colors

Yxy(54.9284, 0.3607, 0.3162)

Have a look what the booklet for
Yxy(54.9284, 0.3607, 0.3162)
contains.

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Color

Yxy(54.7916, 0.3608, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	F4B2BE
RGB	244, 178, 190
RGB Percent	96%, 70%, 75%
CMY	0.0429, 0.3020, 0.2548
CMYK	0.00, 0.27, 0.22, 0.04
HSL	349°, 75%, 83%
HSV	349°, 27%, 96%
XYZ	62.5397, 54.7916, 56.0050
YIQ	199.1020, 35.4840, 17.7240

Conversions

Conversions Part 2

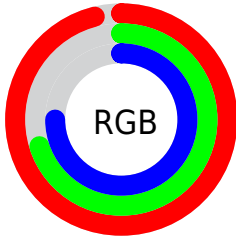
Format	Color
R _Y B	244, 178, 190
Decimal	16036542
CIE Lab	78.92, 25.74, 3.41
CIE LCh	79, 25.969, 7.549
Yxy	54.7916, 0.3608, 0.3161
Android (android.graphics.Color)	4294226622 (0xFFF4B2BE)
YUV	199.1020, -4.4873, 39.3755
Hunter-Lab	74.0213, 21.2751, 6.9558

Details

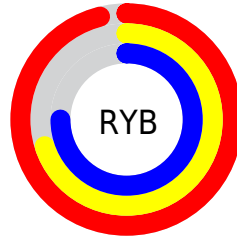
The Yxy color **54.7916, 0.3608, 0.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0270, 0.2794, 0.3425**, and the grayscale version is **57.1941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7595, 0.3193, 0.3173**, and **27.0382, 0.3736, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **45.1183, 0.3867, 0.3111**, and if you desaturate by 10%, it is **66.3170, 0.3397, 0.3211**.

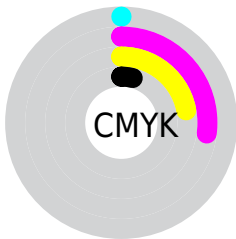
Distribution



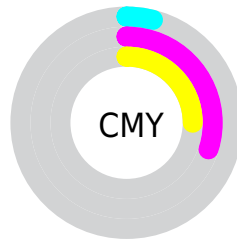
- Red (96%)
- Green (70%)
- Blue (75%)



- Red (96%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7916, 0.3608, 0.3161 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 Yxy color 54.7916, 0.3608, 0.3161 by changing the saturation by 10% instead.


 54.7916, 0.3608,
0.3161

 54.7916, 0.3608,
0.3161


405.1215, 0.3373,
0.3226

 39.2349, 0.3665,
0.3145


 97.2356, 0.3524,
0.3185

 26.9425, 0.3737,
0.3124


124.8916, 0.3492,
0.3194

 17.5300, 0.3832,
0.3096


157.3495, 0.3465,
0.3201

 10.6131, 0.3961,
0.3057

194.9937, 0.3441,
0.3207

 5.8073, 0.4147,
0.3000

238.2087, 0.3421,
0.3213

 2.7283, 0.4437,
0.2907

287.3787, 0.3403,

 0.9916, 0.4955,

0.3218

0.2736

342.8881, 0.3387,
0.3222

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7916, 0.3608,
0.3161

54.7916, 0.3608,
0.3161

45.1183, 0.3867,
0.3111

66.3170, 0.3397,
0.3211

37.1932, 0.4181,
0.3066

79.7764, 0.3227,
0.3258

30.9136, 0.4549,
0.3031

95.2559, 0.3090,
0.3303

26.1628, 0.4960,
0.3014

97.9838, 0.3060,
0.3290

■ 22.8091, 0.5385,
0.3025

■ 20.6979, 0.5776,
0.3070

■ 19.6317, 0.6082,
0.3143

■ 19.4292, 0.6154,
0.3164

Harmonies

Analogous

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



54.7916, 0.3291, 0.2918



54.7916, 0.3608, 0.3161



54.7916, 0.3793, 0.3444

Triad

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



54.7916, 0.3608, 0.3161



54.7916, 0.3283, 0.3888



54.7916, 0.2505, 0.2837

Complementary

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



54.7916, 0.3608, 0.3161



80.0270, 0.2794, 0.3425

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.



54.7916, 0.2505, 0.3077



54.7916, 0.3608, 0.3161



54.7916, 0.2941, 0.3710

Square

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



54.7916, 0.3608, 0.3161



54.7916, 0.3595, 0.3878



54.7916, 0.2660, 0.3401



54.7916, 0.2661, 0.2731

Rectangle

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



54.7916, 0.3608, 0.3161



54.7916, 0.3810, 0.3625



54.7916, 0.2660, 0.3401



54.7916, 0.2487, 0.2904

Sweetspot

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



54.7941, 0.3608, 0.3161



86.6396, 0.3242, 0.3254



55.5137, 0.3062, 0.2595



18.0411, 0.3266, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7941, 0.3608, 0.3161



54.9432, 0.3731, 0.3136



63.2597, 0.3656, 0.3517



16.5318, 0.3265, 0.3247



10.5729, 0.6121, 0.3146



0.9426, 0.5798, 0.2968

Inverse Universe

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



54.7941, 0.3608, 0.3161



54.9432, 0.3731, 0.3136



68.8445, 0.2708, 0.3051



16.5318, 0.3265, 0.3247



10.5729, 0.6121, 0.3146



0.9426, 0.5798, 0.2968

Previews

White Background



This preview shows how the Yxy color 54.7916, 0.3608, 0.3161 looks on a white background.

Color Contrast Check

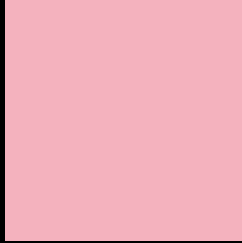
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.7916, 0.3608, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

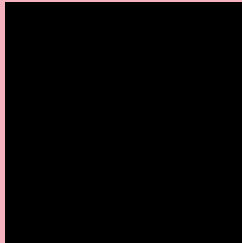
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7916, 0.3608, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 54.7916, 0.3608, 0.3161.



This preview shows how white text looks on a background with the Yxy color 54.7916, 0.3608, 0.3161.

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

54.7916, 0.3608, 0.3161

Protanopia

55.2061, 0.3114, 0.3230

Deuteranopia

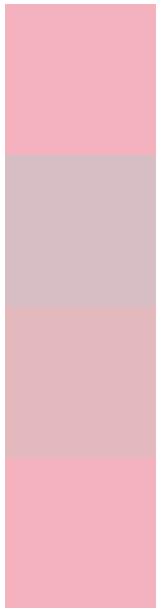
54.9315, 0.3378, 0.3302



Tritanopia

54.8355, 0.3599, 0.3151

Trichromacy



Original Color

54.7916, 0.3608, 0.3161

Protanomaly

54.8278, 0.3288, 0.3209

Deuteranomaly

54.7029, 0.3454, 0.3245

Tritanomaly

54.8355, 0.3599, 0.3151

Monochromacy



Original Color

54.7916, 0.3608, 0.3161

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.6942, 0.3286, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7916, 0.3608, 0.3161 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(244, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 178, 190)  
}
```

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(244, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 178, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.7916, 0.3608, 0.3161 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(244, 178, 190) }
```

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

```
.border{ border-color:rgb(244, 178, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 178,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7916, 0.3608, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 178, 190) }
```

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

```
.background{ background-color: rgb(244,  
178, 190) }
```

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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