

Converting Colors

$Yxy(54.1794, 0.3698, 0.3219)$

Have a look what the booklet for
Yxy(54.1794, 0.3698, 0.3219)
contains.

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Color

Yxy(54.0624, 0.3693, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	F6B0B7
RGB	246, 176, 183
RGB Percent	96%, 69%, 72%
CMY	0.0353, 0.3098, 0.2824
CMYK	0.00, 0.28, 0.26, 0.04
HSL	354°, 80%, 83%
HSV	354°, 28%, 96%
XYZ	62.0810, 54.0624, 51.9611
YIQ	197.7280, 39.4730, 17.0170

Conversions

Conversions Part 2

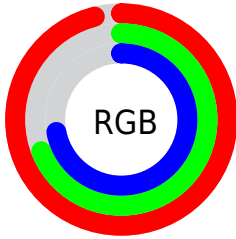
Format	Color
R _Y B	246, 176, 183
Decimal	16167095
CIE Lab	78.50, 26.50, 6.64
CIE LCh	78, 27.319, 14.058
Yxy	54.0624, 0.3693, 0.3216
Android (android.graphics.Color)	4294357175 (0xFFFF6B0B7)
YUV	197.7280, -7.2609, 42.3345
Hunter-Lab	73.5271, 22.0400, 9.5692

Details

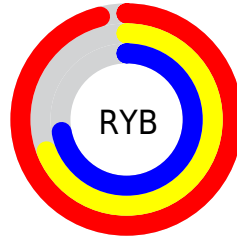
The Yxy color **54.0624, 0.3693, 0.3216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3811, 0.2749, 0.3367**, and the grayscale version is **56.3268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2052, 0.3240, 0.3222**, and **26.4690, 0.3844, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **44.4253, 0.3989, 0.3190**, and if you desaturate by 10%, it is **65.5977, 0.3453, 0.3243**.

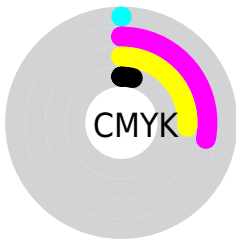
Distribution



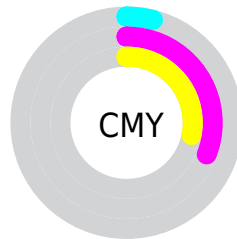
- Red (96%)
- Green (69%)
- Blue (72%)



- Red (96%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (4%)




- Cyan (4%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0624, 0.3693, 0.3216 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 54.0624, 0.3693, 0.3216 by changing the saturation by 10% instead.


 54.0624, 0.3693,
0.3216

 54.0624, 0.3693,
0.3216


402.3479, 0.3415,
0.3256

 38.6516, 0.3761,
0.3205


 96.1659, 0.3593,
0.3231

 26.4888, 0.3847,
0.3190


123.6273, 0.3555,
0.3237

 17.1896, 0.3960,
0.3170


155.8743, 0.3523,
0.3242

 10.3698, 0.4114,
0.3141

193.2914, 0.3496,
0.3246

 5.6448, 0.4337,
0.3095

236.2629, 0.3471,
0.3249

 2.6303, 0.4685,
0.3014

285.1732, 0.3450,

 0.9419, 0.5385,

0.3252

0.2894

340.4068, 0.3432,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0624, 0.3693,
0.3216

54.0624, 0.3693,
0.3216

44.4253, 0.3989,
0.3190

65.5977, 0.3453,
0.3243

36.5775, 0.4347,
0.3166

79.1172, 0.3260,
0.3269

30.4108, 0.4762,
0.3151

94.7110, 0.3105,
0.3294

25.8024, 0.5215,
0.3148

98.3347, 0.3072,
0.3290

■ 22.6122, 0.5660,
0.3163

■ 20.6756, 0.6034,
0.3198

■ 19.7609, 0.6281,
0.3244

■ 19.6631, 0.6308,
0.3249

Harmonies

Analogous

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



54.0624, 0.3379, 0.2947



54.0624, 0.3693, 0.3216



54.0624, 0.3847, 0.3515

Triad

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



54.0624, 0.3693, 0.3216



54.0624, 0.3212, 0.3900



54.0624, 0.2494, 0.2775

Complementary

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



54.0624, 0.3693, 0.3216



81.3811, 0.2749, 0.3367

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.



54.0624, 0.2457, 0.2998



54.0624, 0.3693, 0.3216



54.0624, 0.2857, 0.3672

Square

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



54.0624, 0.3693, 0.3216



54.0624, 0.3556, 0.3931



54.0624, 0.2586, 0.3329



54.0624, 0.2690, 0.2696

Rectangle

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



54.0624, 0.3693, 0.3216



54.0624, 0.3834, 0.3699



54.0624, 0.2586, 0.3329



54.0624, 0.2463, 0.2834

Sweetspot

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



54.0649, 0.3693, 0.3216



84.9617, 0.3270, 0.3268



56.0583, 0.3105, 0.2568



17.7020, 0.3296, 0.3264



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.



54.0649, 0.3693, 0.3216



52.5491, 0.3852, 0.3201



65.9176, 0.3673, 0.3590



16.5094, 0.3278, 0.3267



10.5036, 0.6286, 0.3236



0.9320, 0.6051, 0.3107

Inverse Universe

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



54.0649, 0.3693, 0.3216



52.5491, 0.3852, 0.3201



66.0312, 0.2680, 0.2968



16.5094, 0.3278, 0.3267



10.5036, 0.6286, 0.3236



0.9320, 0.6051, 0.3107

Previews

White Background



This preview shows how the Yxy color 54.0624, 0.3693, 0.3216 looks on a white background.

Color Contrast Check

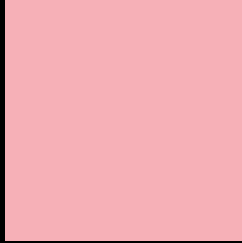
Large Text (above 18pt) WCAG AA × Fail

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 54.0624, 0.3693, 0.3216 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 54.0624, 0.3693, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 54.0624, 0.3693, 0.3216.



This preview shows how white text looks on a background with the Yxy color 54.0624, 0.3693, 0.3216.

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

54.0624, 0.3693, 0.3216

Protanopia

54.4396, 0.3167, 0.3302

Deuteranopia

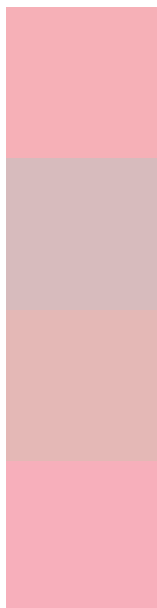
54.2081, 0.3437, 0.3373



Tritanopia

54.1082, 0.3650, 0.3141

Trichromacy



Original Color

54.0624, 0.3693, 0.3216

Protanomaly

53.6618, 0.3347, 0.3267

Deuteranomaly

54.1524, 0.3524, 0.3314

Tritanomaly

54.0220, 0.3668, 0.3163

Monochromacy



Original Color

54.0624, 0.3693, 0.3216

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1242, 0.3311, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0624, 0.3693, 0.3216 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(246, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 183)  
}
```

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(246, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.0624, 0.3693, 0.3216 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(246, 176, 183) }
```

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

```
.border{ border-color:rgb(246, 176, 183) }
```

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

Here you see how a box with a 4 pixel rgb(246, 176, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0624, 0.3693, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 183) }
```

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

```
.background{ background-color: rgb(246,  
176, 183) }
```

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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