

Converting Colors

$Y_{xy}(54.5128, 0.3541, 0.3077)$

Have a look what the booklet for
Yxy(54.5128, 0.3541, 0.3077)
contains.

Yxy(54.5302, 0.3539, 0.3075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5302, 0.3539, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	F3B1C5
RGB	243, 177, 197
RGB Percent	95%, 69%, 77%
CMY	0.0471, 0.3058, 0.2274
CMYK	0.00, 0.27, 0.19, 0.05
HSL	342°, 73%, 82%
HSV	342°, 27%, 95%
XYZ	62.7585, 54.5302, 60.0453
YIQ	199.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

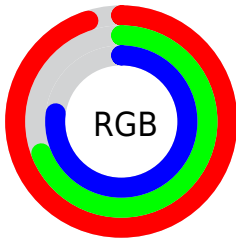
Format	Color
R _Y B	243, 177, 197
Decimal	15970757
CIE Lab	78.77, 26.90, -0.61
CIE LCh	79, 26.909, 358.694
Yxy	54.5302, 0.3539, 0.3075
Android (android.graphics.Color)	4294160837 (0xFFFF3B1C5)
YUV	199.0140, -0.9929, 38.5757
Hunter-Lab	73.8446, 22.4743, 3.4807

Details

The Yxy color **54.5302, 0.3539, 0.3075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7668, 0.2836, 0.3518**, and the grayscale version is **57.1148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6936, 0.3143, 0.3087**, and **26.8376, 0.3654, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **45.0392, 0.3757, 0.2992**, and if you desaturate by 10%, it is **65.8224, 0.3360, 0.3158**.

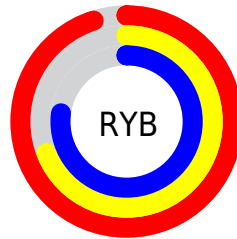
Distribution



Red (95%)

Green (69%)

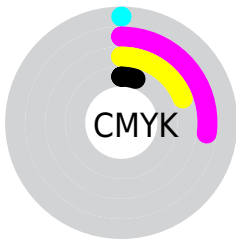
Blue (77%)



Red (95%)

Yellow (69%)

Blue (77%)

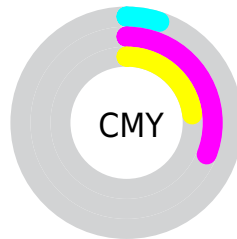


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5302, 0.3539, 0.3075 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 54.5302, 0.3539, 0.3075 by changing the saturation by 10% instead.

 54.5302, 0.3539,
0.3075

 54.5302, 0.3539,
0.3075

404.1286, 0.3339,
0.3179

 39.0257, 0.3587,
0.3050


 96.8523, 0.3467,
0.3112

 26.7797, 0.3649,
0.3018


124.4387, 0.3440,
0.3126

 17.4079, 0.3728,
0.2977


156.8211, 0.3417,
0.3139

 10.5257, 0.3837,
0.2921

194.3841, 0.3397,
0.3149

 5.7489, 0.3993,
0.2840

237.5119, 0.3380,
0.3158

 2.6930, 0.4236,
0.2716

286.5890, 0.3364,

 0.9736, 0.4661,

0.3166

0.2499

341.9998, 0.3351,
0.3173

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5302, 0.3539,
0.3075

54.5302, 0.3539,
0.3075

45.0392, 0.3757,
0.2992

65.8224, 0.3360,
0.3158

37.2483, 0.4018,
0.2915

78.9948, 0.3214,
0.3237

31.0579, 0.4324,
0.2850

94.1312, 0.3096,
0.3311

26.3549, 0.4669,
0.2810

97.7917, 0.3053,
0.3290

■ 23.0113, 0.5036,
0.2806

■ 20.8770, 0.5395,
0.2849

■ 19.7589, 0.5712,
0.2937

■ 19.5414, 0.5794,
0.2965

Harmonies

Analogous

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



54.5302, 0.3189, 0.2846



54.5302, 0.3539, 0.3075



54.5302, 0.3781, 0.3361

Triad

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



54.5302, 0.3539, 0.3075



54.5302, 0.3391, 0.3929



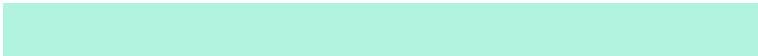
54.5302, 0.2466, 0.2880

Complementary

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



54.5302, 0.3539, 0.3075



78.7668, 0.2836, 0.3518

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.



54.5302, 0.2513, 0.3161



54.5302, 0.3539, 0.3075



54.5302, 0.3036, 0.3800

Square

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



54.5302, 0.3539, 0.3075



54.5302, 0.3687, 0.3862



54.5302, 0.2717, 0.3507



54.5302, 0.2581, 0.2728

Rectangle

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



54.5302, 0.3539, 0.3075



54.5302, 0.3840, 0.3555



54.5302, 0.2717, 0.3507



54.5302, 0.2463, 0.2961

Sweetspot

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



54.5327, 0.3539, 0.3075



86.7858, 0.3226, 0.3230



53.4637, 0.2993, 0.2578



18.0777, 0.3246, 0.3218



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.



54.5327, 0.3539, 0.3075



54.3309, 0.3663, 0.3026



58.6680, 0.3683, 0.3423



16.5652, 0.3246, 0.3218



10.7476, 0.5753, 0.2943



0.9621, 0.5399, 0.2748

Inverse Universe

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



54.5327, 0.3539, 0.3075



54.3309, 0.3663, 0.3026



72.9082, 0.2717, 0.3152



16.5652, 0.3246, 0.3218



10.7476, 0.5753, 0.2943



0.9621, 0.5399, 0.2748

Previews

White Background



This preview shows how the Yxy color 54.5302, 0.3539, 0.3075 looks on a white background.

Color Contrast Check

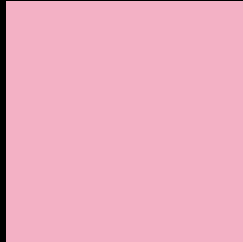
Large Text (above 18pt) WCAG AA × Fail

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 54.5302, 0.3539, 0.3075 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 54.5302, 0.3539, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 54.5302, 0.3539, 0.3075.



This preview shows how white text looks on a background with the Yxy color 54.5302, 0.3539, 0.3075.

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

54.5302, 0.3539, 0.3075

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.6315, 0.3288, 0.3220



Tritanopia

54.5238, 0.3572, 0.3139

Trichromacy



Original Color

54.5302, 0.3539, 0.3075

Protanomaly

54.2753, 0.3209, 0.3115

Deuteranomaly

54.6910, 0.3378, 0.3166

Tritanomaly

54.6131, 0.3555, 0.3117

Monochromacy



Original Color

54.5302, 0.3539, 0.3075

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7859, 0.3270, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5302, 0.3539, 0.3075 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(243, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 197)  
}
```

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(243, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.5302, 0.3539, 0.3075 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(243, 177, 197) }
```

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

```
.border{ border-color:rgb(243, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5302, 0.3539, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 197) }
```

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

```
.background{ background-color: rgb(243,  
177, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor