

Converting Colors

Yxy(54.9264, 0.3793, 0.3265)

Have a look what the booklet for
Yxy(54.9264, 0.3793, 0.3265)
contains.

Yxy(54.9605, 0.3791, 0.3271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9605, 0.3791, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FCB0B2
RGB	252, 176, 178
RGB Percent	99%, 69%, 70%
CMY	0.0119, 0.3097, 0.3020
CMYK	0.00, 0.30, 0.29, 0.01
HSL	358°, 93%, 84%
HSV	358°, 30%, 99%
XYZ	63.6977, 54.9605, 49.3653
YIQ	198.9520, 44.6540, 16.7340

Conversions

Conversions Part 2

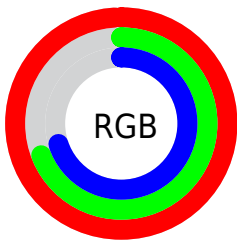
Format	Color
R _Y B	252, 176, 178
Decimal	16560306
CIE Lab	79.02, 27.99, 10.18
CIE LCh	79, 29.785, 19.986
Yxy	54.9605, 0.3791, 0.3271
Android (android.graphics.Color)	4294750386 (0xFFFCB0B2)
YUV	198.9520, -10.3293, 46.5231
Hunter-Lab	74.1353, 23.6319, 12.4147

Details

The Yxy color **54.9605, 0.3791, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7381, 0.2701, 0.3310**, and the grayscale version is **57.1273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9137, 0.3272, 0.3271**, and **27.1159, 0.3978, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **45.0815, 0.4125, 0.3265**, and if you desaturate by 10%, it is **66.8549, 0.3520, 0.3278**.

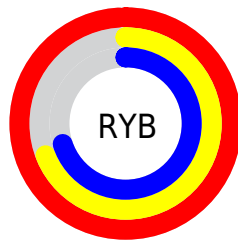
Distribution



Red (99%)

Green (69%)

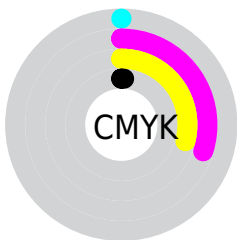
Blue (70%)



Red (99%)

Yellow (69%)

Blue (70%)

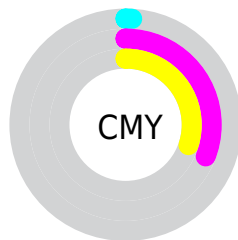


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9605, 0.3791, 0.3271 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 54.9605, 0.3791, 0.3271 by changing the saturation by 10% instead.


 54.9605, 0.3791,
0.3271

 54.9605, 0.3791,
0.3271

405.7622, 0.3465,
0.3287

 39.3701, 0.3870,
0.3265


 97.4831, 0.3674,
0.3278

 27.0478, 0.3971,
0.3257


125.1840, 0.3630,
0.3281

 17.6091, 0.4102,
0.3244


157.6907, 0.3592,
0.3283

 10.6697, 0.4281,
0.3223

195.3873, 0.3560,
0.3284

 5.8452, 0.4538,
0.3187

238.6584, 0.3531,
0.3285

 2.7512, 0.4934,
0.3116

287.8883, 0.3507,

 1.0033, 0.5802,

0.3286

0.3055

343.4614, 0.3485,
0.3287

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9605, 0.3791,
0.3271

54.9605, 0.3791,
0.3271

45.0815, 0.4125,
0.3265

66.8549, 0.3520,
0.3278

37.0990, 0.4526,
0.3260

80.8595, 0.3303,
0.3284

30.8940, 0.4984,
0.3259

97.0723, 0.3129,
0.3290

26.3304, 0.5462,
0.3261

99.4302, 0.3108,
0.3290

■ 23.2529, 0.5899,
0.3268

■ 21.4761, 0.6220,
0.3280

■ 20.7046, 0.6382,
0.3289

Harmonies

Analogous

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



54.9605, 0.3476, 0.2972



54.9605, 0.3791, 0.3271



54.9605, 0.3915, 0.3591

Triad

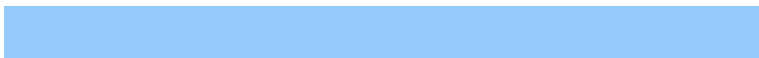
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9605, 0.3791, 0.3271



54.9605, 0.3138, 0.3921



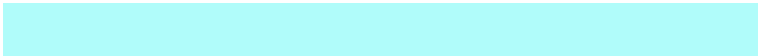
54.9605, 0.2473, 0.2703

Complementary

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



54.9605, 0.3791, 0.3271



85.7381, 0.2701, 0.3310

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.



54.9605, 0.2398, 0.2913



54.9605, 0.3791, 0.3271



54.9605, 0.2766, 0.3637

Square

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



54.9605, 0.3791, 0.3271



54.9605, 0.3523, 0.3997



54.9605, 0.2501, 0.3254



54.9605, 0.2713, 0.2652

Rectangle

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



54.9605, 0.3791, 0.3271



54.9605, 0.3870, 0.3782



54.9605, 0.2501, 0.3254



54.9605, 0.2428, 0.2756

Sweetspot

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



54.9631, 0.3791, 0.3271



84.8643, 0.3281, 0.3285



58.3061, 0.3142, 0.2533



17.6783, 0.3309, 0.3284



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.



54.9631, 0.3791, 0.3271



50.2633, 0.3980, 0.3267



70.6455, 0.3699, 0.3661



17.2325, 0.3290, 0.3284



10.7912, 0.6374, 0.3285



1.0019, 0.6309, 0.3249

Inverse Universe

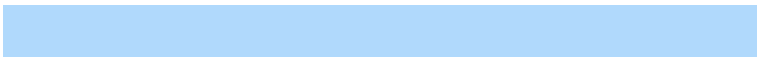
The Inverse Universe completely reimagines the original color for something new.



54.9631, 0.3791, 0.3271



50.2633, 0.3980, 0.3267



65.6419, 0.2646, 0.2887



17.2325, 0.3290, 0.3284



10.7912, 0.6374, 0.3285



1.0019, 0.6309, 0.3249

Previews

White Background



This preview shows how the Yxy color 54.9605, 0.3791, 0.3271 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 54.9605, 0.3791, 0.3271 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 54.9605, 0.3791, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 54.9605, 0.3791, 0.3271.



This preview shows how white text looks on a background with the Yxy color 54.9605, 0.3791, 0.3271.

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

54.9605, 0.3791, 0.3271

Protanopia

55.0786, 0.3228, 0.3375

Deuteranopia

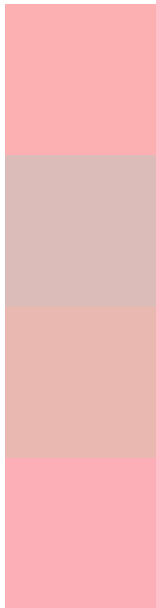
55.0594, 0.3511, 0.3442



Tritanopia

54.7856, 0.3714, 0.3144

Trichromacy



Original Color

54.9605, 0.3791, 0.3271

Protanomaly

54.6428, 0.3429, 0.3337

Deuteranomaly

54.7789, 0.3610, 0.3370

Tritanomaly

55.0033, 0.3748, 0.3197

Monochromacy



Original Color

54.9605, 0.3791, 0.3271

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9286, 0.3351, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9605, 0.3791, 0.3271 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, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(252, 176, 178)  
}
```

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, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 176, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.9605, 0.3791, 0.3271 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, 176, 178) }
```

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

```
.border{ border-color:rgb(252, 176, 178) }
```

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

Here you see how a box with a 4 pixel rgb(252, 176, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(252, 176,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9605, 0.3791, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 176, 178) }
```

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

```
.background{ background-color: rgb(252,  
176, 178) }
```

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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