

Converting Colors

Yxy(51.6665, 0.3785, 0.3271)

Have a look what the booklet for
Yxy(51.6665, 0.3785, 0.3271)
contains.

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Color

Yxy(51.5554, 0.3791, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F5ABAD
RGB	245, 171, 173
RGB Percent	96%, 67%, 68%
CMY	0.0391, 0.3294, 0.3216
CMYK	0.00, 0.30, 0.29, 0.04
HSL	358°, 79%, 82%
HSV	358°, 30%, 96%
XYZ	59.7696, 51.5554, 46.3368
YIQ	193.3540, 43.4620, 16.3100

Conversions

Conversions Part 2

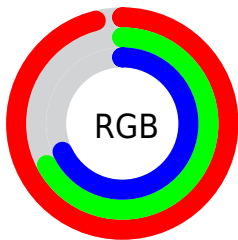
Format	Color
R _Y B	245, 171, 173
Decimal	16100269
CIE Lab	77.01, 27.44, 9.93
CIE LCh	77, 29.187, 19.897
Yxy	51.5554, 0.3791, 0.3270
Android (android.graphics.Color)	4294290349 (0xFFF5ABAD)
YUV	193.3540, -10.0345, 45.2935
Hunter-Lab	71.8021, 22.9335, 11.9992

Details

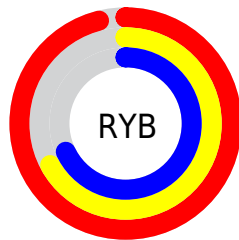
The Yxy color **51.5554, 0.3791, 0.3270** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80.4519, 0.2701, 0.3311**, and the grayscale version is **53.5904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7996, 0.3317, 0.3281**, and **24.9021, 0.3971, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **42.3019, 0.4125, 0.3264**, and if you desaturate by 10%, it is **62.6941, 0.3520, 0.3277**.

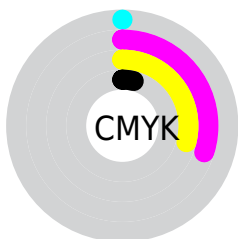
Distribution



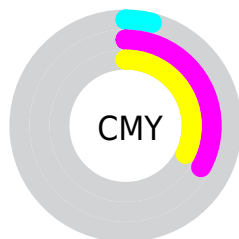
- Red (96%)
- Green (67%)
- Blue (68%)



- Red (96%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5554, 0.3791, 0.3270 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 51.5554, 0.3791, 0.3270 by changing the saturation by 10% instead.

 51.5554, 0.3791,
0.3270

 51.5554, 0.3791,
0.3270


392.7178, 0.3462,
0.3287

 36.6508, 0.3872,
0.3264


 92.4752, 0.3672,
0.3278

 24.9372, 0.3976,
0.3255


119.2592, 0.3627,
0.3280

 16.0303, 0.4112,
0.3241


150.7719, 0.3589,
0.3282

 9.5456, 0.4299,
0.3219

187.3975, 0.3556,
0.3283

 5.0987, 0.4572,
0.3179

229.5205, 0.3528,
0.3285

 2.3053, 0.5001,
0.3100

277.5253, 0.3503,

 0.7765, 0.6248,

0.3286

0.3141

331.7963, 0.3481,
0.3286

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5554, 0.3791,
0.3270

51.5554, 0.3791,
0.3270

42.3019, 0.4125,
0.3264

62.6941, 0.3520,
0.3277

34.8225, 0.4525,
0.3259

75.8064, 0.3304,
0.3284

29.0060, 0.4981,
0.3257

90.9840, 0.3130,
0.3290

24.7254, 0.5458,
0.3259

98.1578, 0.3066,
0.3290

■ 21.8355, 0.5895,
0.3267

■ 20.1636, 0.6216,
0.3279

■ 19.4324, 0.6381,
0.3289

Harmonies

Analogous

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



51.5554, 0.3475, 0.2971



51.5554, 0.3791, 0.3270



51.5554, 0.3916, 0.3591

Triad

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



51.5554, 0.3791, 0.3270



51.5554, 0.3139, 0.3923



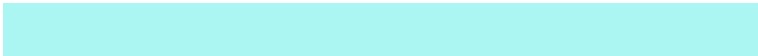
51.5554, 0.2472, 0.2703

Complementary

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



51.5554, 0.3791, 0.3270



80.4519, 0.2701, 0.3311

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.



51.5554, 0.2397, 0.2913



51.5554, 0.3791, 0.3270



51.5554, 0.2767, 0.3639

Square

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



51.5554, 0.3791, 0.3270



51.5554, 0.3524, 0.3997



51.5554, 0.2501, 0.3255



51.5554, 0.2712, 0.2651

Rectangle

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



51.5554, 0.3791, 0.3270



51.5554, 0.3871, 0.3782



51.5554, 0.2501, 0.3255



51.5554, 0.2427, 0.2756

Sweetspot

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



51.5578, 0.3791, 0.3270



84.8659, 0.3281, 0.3284



54.6940, 0.3142, 0.2533



17.6787, 0.3309, 0.3283



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.



51.5578, 0.3791, 0.3270



50.2674, 0.3978, 0.3266



66.2806, 0.3699, 0.3661



16.4898, 0.3290, 0.3284



10.4690, 0.6372, 0.3284



0.9226, 0.6301, 0.3244

Inverse Universe

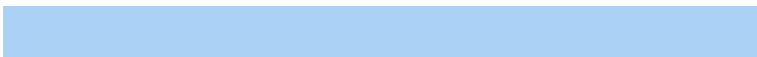
The Inverse Universe completely reimagines the original color for something new.



51.5578, 0.3791, 0.3270



50.2674, 0.3978, 0.3266



61.5813, 0.2646, 0.2886



16.4898, 0.3290, 0.3284



10.4690, 0.6372, 0.3284



0.9226, 0.6301, 0.3244

Previews

White Background



This preview shows how the Yxy color 51.5554, 0.3791, 0.3270 looks on a white background.

Color Contrast Check

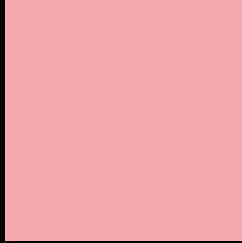
Large Text (above 18pt) WCAG AA × Fail

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 51.5554, 0.3791, 0.3270 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 51.5554, 0.3791, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 51.5554, 0.3791, 0.3270.



This preview shows how white text looks on a background with the Yxy color 51.5554, 0.3791, 0.3270.

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

51.5554, 0.3791, 0.3270

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

51.8202, 0.3512, 0.3446



Tritanopia

51.7197, 0.3718, 0.3162

Trichromacy



Original Color

51.5554, 0.3791, 0.3270

Protanomaly

51.4178, 0.3428, 0.3339

Deuteranomaly

51.5497, 0.3614, 0.3372

Tritanomaly

51.5970, 0.3746, 0.3194

Monochromacy



Original Color

51.5554, 0.3791, 0.3270

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2401, 0.3349, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5554, 0.3791, 0.3270 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(245, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 173)  
}
```

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(245, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.5554, 0.3791, 0.3270 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(245, 171, 173) }
```

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

```
.border{ border-color:rgb(245, 171, 173) }
```

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

Here you see how a box with a 4 pixel rgb(245, 171, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5554, 0.3791, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 173) }
```

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

```
.background{ background-color: rgb(245,  
171, 173) }
```

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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