

Converting Colors

$Yxy(57.1369, 0.3546, 0.3228)$

Have a look what the booklet for
Yxy(57.1369, 0.3546, 0.3228)
contains.

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Color

Yxy(56.9848, 0.3549, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	F0B9BF
RGB	240, 185, 191
RGB Percent	94%, 73%, 75%
CMY	0.0587, 0.2745, 0.2511
CMYK	0.00, 0.23, 0.20, 0.06
HSL	353°, 65%, 83%
HSV	353°, 23%, 94%
XYZ	62.6903, 56.9848, 56.9671
YIQ	202.1290, 30.8540, 13.5260

Conversions

Conversions Part 2

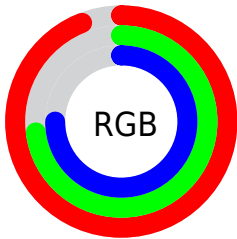
Format	Color
R _Y B	240, 185, 191
Decimal	15776191
CIE Lab	80.17, 20.70, 4.65
CIE LCh	80, 21.222, 12.669
Yxy	56.9848, 0.3549, 0.3226
Android (android.graphics.Color)	4293966271 (0xFFFF0B9BF)
YUV	202.1290, -5.4866, 33.2129
Hunter-Lab	75.4883, 16.1335, 8.0987

Details

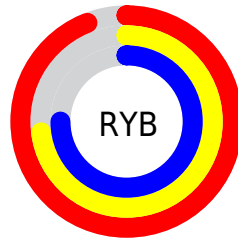
The Yxy color **56.9848, 0.3549, 0.3226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5900, 0.2820, 0.3356**, and the grayscale version is **59.1691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8860, 0.3182, 0.3232**, and **28.4048, 0.3653, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **46.9043, 0.3810, 0.3197**, and if you desaturate by 10%, it is **68.9033, 0.3339, 0.3255**.

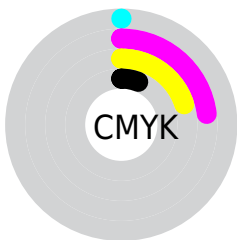
Distribution



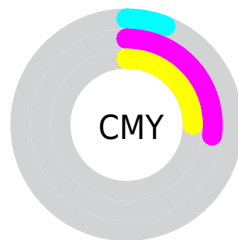
- Red (94%)
- Green (73%)
- Blue (75%)



- Red (94%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9848, 0.3549, 0.3226 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 56.9848, 0.3549, 0.3226 by changing the saturation by 10% instead.


 56.9848, 0.3549,
0.3226

 56.9848, 0.3549,
0.3226

413.3924, 0.3344,
0.3259

 40.9930, 0.3598,
0.3217

 100.4430, 0.3476,
0.3238

 28.3136, 0.3661,
0.3206


128.6782, 0.3448,
0.3243

 18.5622, 0.3743,
0.3191


161.7634, 0.3424,
0.3247

 11.3544, 0.3853,
0.3170

200.0829, 0.3404,
0.3250

 6.3057, 0.4012,
0.3137

244.0212, 0.3386,
0.3253

 3.0319, 0.4259,
0.3082

293.9626, 0.3370,

 1.1484, 0.4690,

0.3255

0.2976

350.2915, 0.3356,
0.3257

0.0189, 0.9651,
0.0349

0.0000, 0.0000,
0.0000

56.9848, 0.3549,
0.3226

56.9848, 0.3549,
0.3226

46.9043, 0.3810,
0.3197

68.9033, 0.3339,
0.3255

38.5629, 0.4129,
0.3169

82.7366, 0.3170,
0.3282

31.8644, 0.4509,
0.3146

97.2688, 0.3036,
0.3290

26.7001, 0.4940,
0.3134

■ 22.9481, 0.5393,
0.3139

■ 20.4681, 0.5815,
0.3164

■ 19.0907, 0.6141,
0.3208

■ 18.6036, 0.6294,
0.3241

Harmonies

Analogous

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



56.9848, 0.3308, 0.3017



56.9848, 0.3549, 0.3226



56.9848, 0.3673, 0.3459

Triad

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



56.9848, 0.3549, 0.3226



56.9848, 0.3209, 0.3753



56.9848, 0.2634, 0.2902

Complementary

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



56.9848, 0.3549, 0.3226



78.5900, 0.2820, 0.3356

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.



56.9848, 0.2611, 0.3082



56.9848, 0.3549, 0.3226



56.9848, 0.2935, 0.3588

Square

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



56.9848, 0.3549, 0.3226



56.9848, 0.3469, 0.3776



56.9848, 0.2718, 0.3335



56.9848, 0.2782, 0.2831

Rectangle

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



56.9848, 0.3549, 0.3226



56.9848, 0.3670, 0.3601



56.9848, 0.2718, 0.3335



56.9848, 0.2611, 0.2951

Sweetspot

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



56.9874, 0.3549, 0.3226



88.1524, 0.3235, 0.3271



58.4158, 0.3104, 0.2711



18.6608, 0.3245, 0.3270



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.



56.9874, 0.3549, 0.3226



59.1519, 0.3677, 0.3211



66.2184, 0.3550, 0.3519



15.7867, 0.3276, 0.3265



10.1912, 0.6271, 0.3228



0.8570, 0.6009, 0.3084

Inverse Universe

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



56.9874, 0.3549, 0.3226



59.1519, 0.3677, 0.3211



67.2332, 0.2769, 0.3049



15.7867, 0.3276, 0.3265



10.1912, 0.6271, 0.3228



0.8570, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 56.9848, 0.3549, 0.3226 looks on a white background.

Color Contrast Check

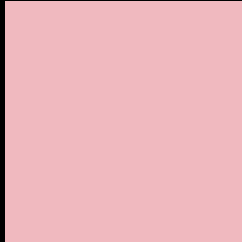
Large Text (above 18pt) WCAG AA × Fail

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 56.9848, 0.3549, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

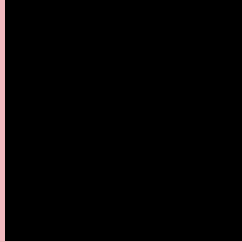
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9848, 0.3549, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 56.9848, 0.3549, 0.3226.



This preview shows how white text looks on a background with the Yxy color 56.9848, 0.3549, 0.3226.

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

56.9848, 0.3549, 0.3226

Protanopia

57.1619, 0.3167, 0.3290

Deuteranopia

56.9466, 0.3391, 0.3314



Tritanopia

57.0590, 0.3500, 0.3139

Trichromacy



Original Color

56.9848, 0.3549, 0.3226

Protanomaly

56.6790, 0.3300, 0.3267

Deuteranomaly

56.7709, 0.3455, 0.3280

Tritanomaly

56.9219, 0.3525, 0.3172

Monochromacy



Original Color

56.9848, 0.3549, 0.3226

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1560, 0.3273, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9848, 0.3549, 0.3226 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(240, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(240, 185, 191)  
}
```

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(240, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 185, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.9848, 0.3549, 0.3226 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(240, 185, 191) }
```

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

```
.border{ border-color:rgb(240, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 185,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9848, 0.3549, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 185, 191) }
```

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

```
.background{ background-color: rgb(240,  
185, 191) }
```

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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