

Converting Colors

Yxy(56.0356, 0.3597, 0.3157)

Have a look what the booklet for
Yxy(56.0356, 0.3597, 0.3157)
contains.

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Color

Yxy(56.0856, 0.3594, 0.3152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6B4C1 |
| RGB | 246, 180, 193 |
| RGB Percent | 96%, 71%, 76% |
| CMY | 0.0353, 0.2941, 0.2432 |
| CMYK | 0.00, 0.27, 0.22, 0.04 |
| HSL | 348°, 79%, 84% |
| HSV | 348°, 27%, 96% |
| XYZ | 63.9504, 56.0856, 57.9006 |
| YIQ | 201.2160, 35.1630, 18.0350 |

Conversions

Conversions Part 2

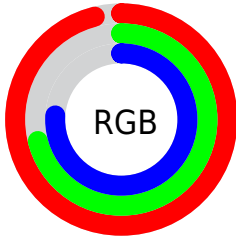
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 246, 180, 193 |
| Decimal | 16168129 |
| CIE Lab | 79.66, 25.79, 2.90 |
| CIE LCh | 80, 25.956, 6.419 |
| Yxy | 56.0856, 0.3594, 0.3152 |
| Android (android.graphics.Color) | 4294358209 (0xFFFF6B4C1) |
| YUV | 201.2160, -4.0505, 39.2756 |
| Hunter-Lab | 74.8903, 21.3668, 6.5839 |

Details

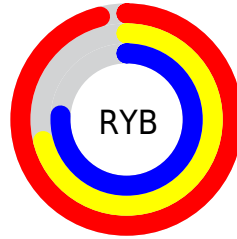
The Yxy color **56.0856, 0.3594, 0.3152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4968, 0.2802, 0.3434**, and the grayscale version is **58.5600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0905, 0.3173, 0.3164**, and **27.8910, 0.3716, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **46.1974, 0.3847, 0.3098**, and if you desaturate by 10%, it is **67.8593, 0.3388, 0.3206**.

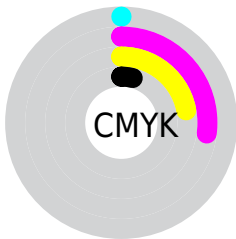
Distribution



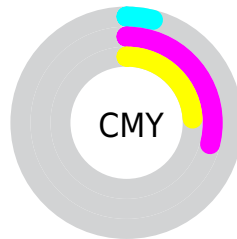
- Red (96%)
- Green (71%)
- Blue (76%)



- Red (96%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0856, 0.3594, 0.3152 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 56.0856, 0.3594, 0.3152 by changing the saturation by 10% instead.


 56.0856, 0.3594,
0.3152

 56.0856, 0.3594,
0.3152


410.0140, 0.3367,
0.3221

 40.2716, 0.3649,
0.3135


 99.1297, 0.3513,
0.3177

 27.7503, 0.3718,
0.3113


127.1286, 0.3482,
0.3186

 18.1375, 0.3809,
0.3085


159.9579, 0.3456,
0.3194

 11.0488, 0.3931,
0.3045

198.0019, 0.3433,
0.3201

 6.0997, 0.4108,
0.2987

241.6452, 0.3413,
0.3207

 2.9058, 0.4381,
0.2894

291.2720, 0.3396,

 1.0827, 0.4856,

0.3212

0.2724

347.2668, 0.3381,
0.3217

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0856, 0.3594,
0.3152

56.0856, 0.3594,
0.3152

46.1974, 0.3847,
0.3098

67.8593, 0.3388,
0.3206

38.0892, 0.4153,
0.3049

81.6014, 0.3222,
0.3257

31.6567, 0.4513,
0.3010

97.3994, 0.3088,
0.3305

26.7818, 0.4916,
0.2990

98.3319, 0.3072,
0.3290

■ 23.3309, 0.5335,
0.3000

■ 21.1475, 0.5727,
0.3044

■ 20.0341, 0.6039,
0.3121

■ 19.8085, 0.6120,
0.3145

Harmonies

Analogous

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



56.0856, 0.3277, 0.2913



56.0856, 0.3594, 0.3152



56.0856, 0.3783, 0.3432

Triad

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



56.0856, 0.3594, 0.3152



56.0856, 0.3295, 0.3886



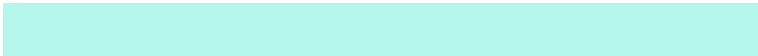
56.0856, 0.2507, 0.2848

Complementary

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



56.0856, 0.3594, 0.3152



81.4968, 0.2802, 0.3434

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.



56.0856, 0.2513, 0.3090



56.0856, 0.3594, 0.3152



56.0856, 0.2955, 0.3716

Square

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



56.0856, 0.3594, 0.3152



56.0856, 0.3601, 0.3870



56.0856, 0.2672, 0.3413



56.0856, 0.2656, 0.2736

Rectangle

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



56.0856, 0.3594, 0.3152



56.0856, 0.3806, 0.3613



56.0856, 0.2672, 0.3413



56.0856, 0.2491, 0.2915

Sweetspot

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



56.0882, 0.3594, 0.3152



86.6570, 0.3240, 0.3251



56.5896, 0.3055, 0.2600



18.0455, 0.3263, 0.3243



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.



56.0882, 0.3594, 0.3152



54.9946, 0.3720, 0.3124



64.1060, 0.3653, 0.3503



16.5358, 0.3263, 0.3244



10.5891, 0.6085, 0.3126



0.9446, 0.5754, 0.2943

Inverse Universe

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



56.0882, 0.3594, 0.3152



54.9946, 0.3720, 0.3124



70.8591, 0.2713, 0.3066



16.5358, 0.3263, 0.3244



10.5891, 0.6085, 0.3126



0.9446, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 56.0856, 0.3594, 0.3152 looks on a white background.

Color Contrast Check

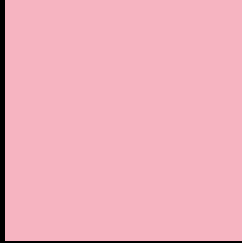
Large Text (above 18pt) WCAG AA × Fail

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 56.0856, 0.3594, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

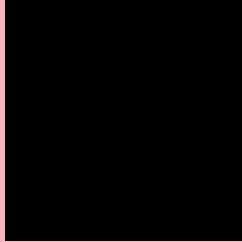
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0856, 0.3594, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 56.0856, 0.3594, 0.3152.



This preview shows how white text looks on a background with the Yxy color 56.0856, 0.3594, 0.3152.

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

56.0856, 0.3594, 0.3152

Protanopia

56.5237, 0.3107, 0.3218

Deuteranopia

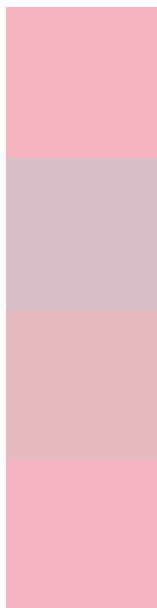
56.0833, 0.3359, 0.3291



Tritanopia

56.1304, 0.3585, 0.3141

Trichromacy



Original Color

56.0856, 0.3594, 0.3152

Protanomaly

56.1368, 0.3279, 0.3198

Deuteranomaly

56.0044, 0.3442, 0.3235

Tritanomaly

56.1304, 0.3585, 0.3141

Monochromacy



Original Color

56.0856, 0.3594, 0.3152

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

56.9689, 0.3284, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0856, 0.3594, 0.3152 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, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 193)  
}
```

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, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.0856, 0.3594, 0.3152 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, 180, 193) }
```

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

```
.border{ border-color:rgb(246, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0856, 0.3594, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 193) }
```

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

```
.background{ background-color: rgb(246,  
180, 193) }
```

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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