

Converting Colors

Yxy(56.3823, 0.3482, 0.3000)

Have a look what the booklet for
Yxy(56.3823, 0.3482, 0.3000)
contains.

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Color

Yxy(56.2893, 0.3483, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	F6B3CE
RGB	246, 179, 206
RGB Percent	96%, 70%, 81%
CMY	0.0353, 0.2980, 0.1921
CMYK	0.00, 0.27, 0.16, 0.04
HSL	336°, 79%, 83%
HSV	336°, 27%, 96%
XYZ	65.2649, 56.2893, 65.8270
YIQ	202.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

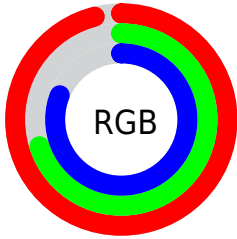
Format	Color
R _Y B	246, 179, 206
Decimal	16167886
CIE Lab	79.78, 28.28, -3.98
CIE LCh	80, 28.555, 351.991
Yxy	56.2893, 0.3483, 0.3004
Android (android.graphics.Color)	4294357966 (0xFFFF6B3CE)
YUV	202.1110, 1.9173, 38.4907
Hunter-Lab	75.0262, 23.9803, 0.4981

Details

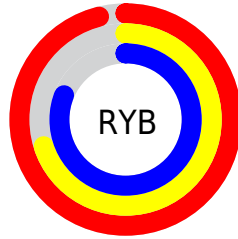
The Yxy color $56.2893, 0.3483, 0.3004$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.6027, 0.2870, 0.3597$, and the grayscale version is $59.1105, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.0075, 0.3575, 0.2935$ is the 20% darker color. If you saturate the color by 10%, you get $46.6142, 0.3668, 0.2894$, and if you desaturate by 10%, it is $67.7949, 0.3330, 0.3113$.

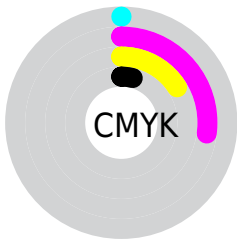
Distribution



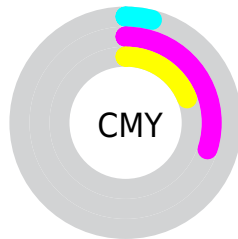
- Red (96%)
- Green (70%)
- Blue (81%)



- Red (96%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2893, 0.3483, 0.3004 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 56.2893, 0.3483, 0.3004 by changing the saturation by 10% instead.

 56.2893, 0.3483,
0.3004

 56.2893, 0.3483,
0.3004


410.7808, 0.3312,
0.3140

 40.4349, 0.3524,
0.2972


 99.4274, 0.3422,
0.3052

 27.8778, 0.3575,
0.2932


127.4800, 0.3399,
0.3070

 18.2336, 0.3641,
0.2880


160.3674, 0.3379,
0.3086

 11.1178, 0.3731,
0.2812

198.4740, 0.3362,
0.3100

 6.1461, 0.3857,
0.2716

242.1843, 0.3347,
0.3112

 2.9341, 0.4051,
0.2572

291.8826, 0.3334,

 1.0974, 0.4379,

0.3122

0.2334

347.9533, 0.3322,
0.3132

0.0000, 0.7262,
0.0000

0.0000, 0.0000,
0.0000

56.2893, 0.3483,
0.3004

56.2893, 0.3483,
0.3004

46.6142, 0.3668,
0.2894

67.7949, 0.3330,
0.3113

38.6666, 0.3887,
0.2790

81.2117, 0.3204,
0.3218

32.3451, 0.4142,
0.2701

96.6248, 0.3101,
0.3317

27.5343, 0.4428,
0.2639

98.3307, 0.3072,
0.3290

■ 24.1034, 0.4735,
0.2616

■ 21.8990, 0.5044,
0.2644

■ 20.7230, 0.5332,
0.2726

■ 20.4950, 0.5409,
0.2753

Harmonies

Analogous

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



56.2893, 0.3105, 0.2786



56.2893, 0.3483, 0.3004



56.2893, 0.3772, 0.3294

Triad

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



56.2893, 0.3483, 0.3004



56.2893, 0.3482, 0.3963



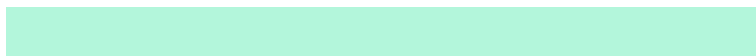
56.2893, 0.2431, 0.2914

Complementary

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



56.2893, 0.3483, 0.3004



80.6027, 0.2870, 0.3597

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.



56.2893, 0.2518, 0.3233



56.2893, 0.3483, 0.3004



56.2893, 0.3114, 0.3876

Square

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



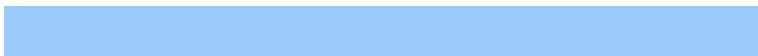
56.2893, 0.3483, 0.3004



56.2893, 0.3765, 0.3849



56.2893, 0.2763, 0.3597



56.2893, 0.2514, 0.2723

Rectangle

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



56.2893, 0.3483, 0.3004



56.2893, 0.3866, 0.3499



56.2893, 0.2763, 0.3597



56.2893, 0.2441, 0.3009

Sweetspot

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



56.2919, 0.3483, 0.3004



86.9084, 0.3213, 0.3210



53.8151, 0.2940, 0.2565



18.1085, 0.3231, 0.3195



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.



56.2919, 0.3483, 0.3004



54.7263, 0.3587, 0.2940



57.3730, 0.3704, 0.3352



16.5933, 0.3230, 0.3195



10.9667, 0.5366, 0.2730



0.9836, 0.5036, 0.2548

Inverse Universe

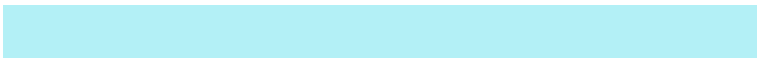
The Inverse Universe completely reimagines the original color for something new.



56.2919, 0.3483, 0.3004



54.7263, 0.3587, 0.2940



78.7978, 0.2724, 0.3227



16.5933, 0.3230, 0.3195



10.9667, 0.5366, 0.2730



0.9836, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 56.2893, 0.3483, 0.3004 looks on a white background.

Color Contrast Check

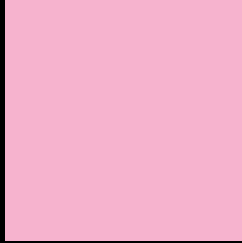
Large Text (above 18pt) WCAG AA × Fail

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 56.2893, 0.3483, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

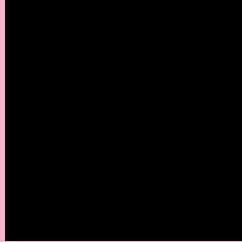
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2893, 0.3483, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 56.2893, 0.3483, 0.3004.



This preview shows how white text looks on a background with the Yxy color 56.2893, 0.3483, 0.3004.

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

56.2893, 0.3483, 0.3004

Protanopia

56.6780, 0.2977, 0.3054

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.4004, 0.3566, 0.3141

Trichromacy



Original Color

56.2893, 0.3483, 0.3004



Protanomaly

55.9271, 0.3148, 0.3027



Deuteranomaly

56.1172, 0.3311, 0.3089



Tritanomaly

56.1785, 0.3533, 0.3088

Monochromacy



Original Color

56.2893, 0.3483, 0.3004



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.8008, 0.3253, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2893, 0.3483, 0.3004 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, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 206)  
}
```

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, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.2893, 0.3483, 0.3004 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, 179, 206) }
```

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

```
.border{ border-color:rgb(246, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 179, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 179, 206); box-shadow:4px 4px 4px 4px rgb(246, 179, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2893, 0.3483, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 206) }
```

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

```
.background{ background-color: rgb(246,  
179, 206) }
```

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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