

Converting Colors

$Y_{xy}(55.9255, 0.3470, 0.2998)$

Have a look what the booklet for
Yxy(55.9255, 0.3470, 0.2998)
contains.

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Color

Yxy(56.1089, 0.3475, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	F5B3CE
RGB	245, 179, 206
RGB Percent	96%, 70%, 81%
CMY	0.0391, 0.2981, 0.1921
CMYK	0.00, 0.27, 0.16, 0.04
HSL	335°, 77%, 83%
HSV	335°, 27%, 96%
XYZ	64.9279, 56.1089, 65.8060
YIQ	201.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

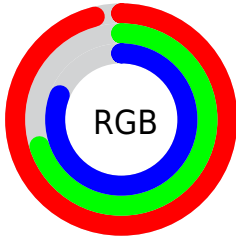
Format	Color
R _Y B	245, 179, 206
Decimal	16102350
CIE Lab	79.68, 27.96, -4.14
CIE LCh	80, 28.262, 351.582
Yxy	56.1089, 0.3475, 0.3003
Android (android.graphics.Color)	4294292430 (0xFFFF5B3CE)
YUV	201.8120, 2.0647, 37.8759
Hunter-Lab	74.9059, 23.6373, 0.3469

Details

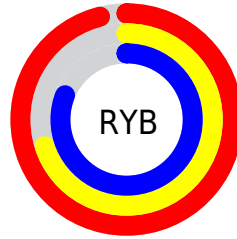
The Yxy color **56.1089, 0.3475, 0.3003** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9741, 0.2875, 0.3598**, and the grayscale version is **58.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **27.8801, 0.3563, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **46.4757, 0.3657, 0.2892**, and if you desaturate by 10%, it is **67.5572, 0.3324, 0.3114**.

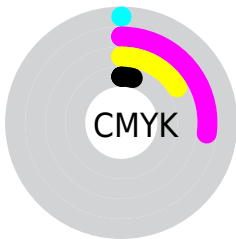
Distribution



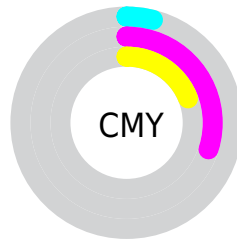
- Red (96%)
- Green (70%)
- Blue (81%)



- 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 56.1089, 0.3475, 0.3003 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 56.1089, 0.3475, 0.3003 by changing the saturation by 10% instead.

 56.1089, 0.3475,
0.3003

 56.1089, 0.3475,
0.3003

410.1018, 0.3308,
0.3140

 40.2902, 0.3515,
0.2971

 99.1638, 0.3416,
0.3051

 27.7649, 0.3565,
0.2931


127.1688, 0.3393,
0.3070

 18.1485, 0.3630,
0.2879


160.0047, 0.3374,
0.3085

 11.0567, 0.3717,
0.2810

198.0559, 0.3357,
0.3099

 6.1050, 0.3841,
0.2714

241.7069, 0.3342,
0.3111

 2.9090, 0.4030,
0.2569

291.3419, 0.3329,

 1.0844, 0.4353,

0.3122

0.2330

347.3454, 0.3318,
0.3131

0.0000, 0.7216,
0.0000

0.0000, 0.0000,
0.0000

56.1089, 0.3475,
0.3003

56.1089, 0.3475,
0.3003

46.4757, 0.3657,
0.2892

67.5572, 0.3324,
0.3114

38.5558, 0.3873,
0.2786

80.9002, 0.3200,
0.3220

32.2489, 0.4123,
0.2695

96.2220, 0.3098,
0.3320

27.4413, 0.4405,
0.2630

98.1597, 0.3066,
0.3290

■ 24.0040, 0.4708,
0.2605

■ 21.7859, 0.5014,
0.2630

■ 20.5945, 0.5300,
0.2710

■ 20.3446, 0.5384,
0.2739

Harmonies

Analogous

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



56.1089, 0.3100, 0.2788



56.1089, 0.3475, 0.3003



56.1089, 0.3764, 0.3290

Triad

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



56.1089, 0.3475, 0.3003



56.1089, 0.3483, 0.3957



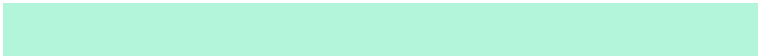
56.1089, 0.2437, 0.2921

Complementary

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



56.1089, 0.3475, 0.3003



79.9741, 0.2875, 0.3598

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.



56.1089, 0.2526, 0.3238



56.1089, 0.3475, 0.3003



56.1089, 0.3119, 0.3873

Square

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



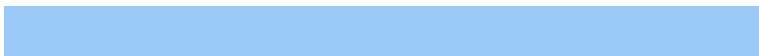
56.1089, 0.3475, 0.3003



56.1089, 0.3762, 0.3842



56.1089, 0.2771, 0.3599



56.1089, 0.2517, 0.2729

Rectangle

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



56.1089, 0.3475, 0.3003



56.1089, 0.3858, 0.3494



56.1089, 0.2771, 0.3599



56.1089, 0.2448, 0.3016

Sweetspot

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



56.1115, 0.3475, 0.3003



86.9157, 0.3212, 0.3209



53.6613, 0.2943, 0.2573



18.1103, 0.3230, 0.3193



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.



56.1115, 0.3475, 0.3003



55.7952, 0.3564, 0.2946



57.1594, 0.3697, 0.3351



16.5949, 0.3229, 0.3194



10.9819, 0.5342, 0.2717



0.9851, 0.5015, 0.2536

Inverse Universe

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



56.1115, 0.3475, 0.3003



55.7952, 0.3564, 0.2946



78.2243, 0.2727, 0.3228



16.5949, 0.3229, 0.3194



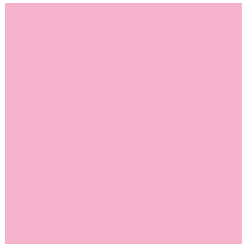
10.9819, 0.5342, 0.2717



0.9851, 0.5015, 0.2536

Previews

White Background



This preview shows how the Yxy color 56.1089, 0.3475, 0.3003 looks on a white background.

Color Contrast Check

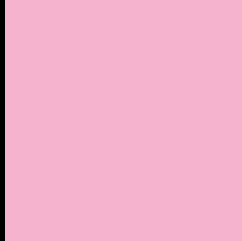
Large Text (above 18pt) WCAG AA × Fail

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 56.1089, 0.3475, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

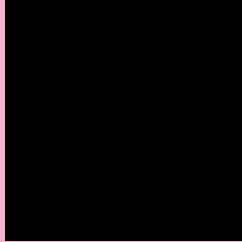
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1089, 0.3475, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 56.1089, 0.3475, 0.3003.



This preview shows how white text looks on a background with the Yxy color 56.1089, 0.3475, 0.3003.

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

56.1089, 0.3475, 0.3003

Protanopia

56.2254, 0.2977, 0.3042

Deuteranopia

56.3550, 0.3215, 0.3152



Tritanopia

56.2210, 0.3557, 0.3140

Trichromacy



Original Color

56.1089, 0.3475, 0.3003

Protanomaly

55.9271, 0.3148, 0.3027

Deuteranomaly

55.9560, 0.3302, 0.3088

Tritanomaly

55.9991, 0.3525, 0.3087

Monochromacy



Original Color

56.1089, 0.3475, 0.3003

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 56.1089, 0.3475, 0.3003 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, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.1089, 0.3475, 0.3003 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, 179, 206) }
```

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

```
.border{ border-color:rgb(245, 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(245, 179, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1089, 0.3475, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 206) }
```

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

```
.background{ background-color: rgb(245,  
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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