

Converting Colors

$Yxy(56.8516, 0.3420, 0.2906)$

Have a look what the booklet for
Yxy(56.8516, 0.3420, 0.2906)
contains.

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Color

Yxy(56.7035, 0.3425, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	F8B2D7
RGB	248, 178, 215
RGB Percent	97%, 70%, 84%
CMY	0.0275, 0.3019, 0.1568
CMYK	0.00, 0.28, 0.13, 0.03
HSL	328°, 83%, 84%
HSV	328°, 28%, 97%
XYZ	66.8996, 56.7035, 71.7242
YIQ	203.1480, 29.8430, 26.3470

Conversions

Conversions Part 2

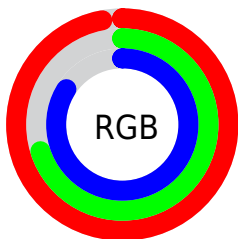
Format	Color
R _Y B	248, 178, 215
Decimal	16298711
CIE Lab	80.01, 30.92, -8.48
CIE LCh	80, 32.061, 344.661
Yxy	56.7035, 0.3425, 0.2903
Android (android.graphics.Color)	4294488791 (0xFFF8B2D7)
YUV	203.1480, 5.8430, 39.3352
Hunter-Lab	75.3017, 26.8050, -3.7619

Details

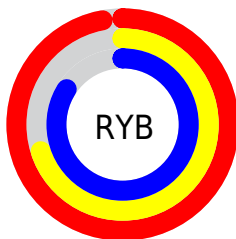
The Yxy color $56.7035, 0.3425, 0.2903$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.3022, 0.2909, 0.3714$, and the grayscale version is $59.7694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $28.2817, 0.3506, 0.2819$ is the 20% darker color. If you saturate the color by 10%, you get $47.1336, 0.3571, 0.2761$, and if you desaturate by 10%, it is $68.1054, 0.3302, 0.3045$.

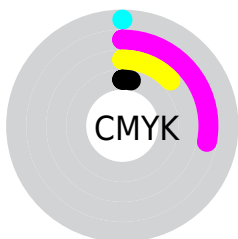
Distribution



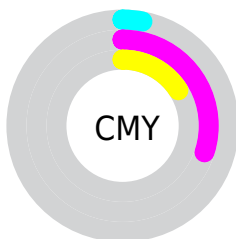
- Red (97%)
- Green (70%)
- Blue (84%)



- Red (97%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7035, 0.3425, 0.2903 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 56.7035, 0.3425, 0.2903 by changing the saturation by 10% instead.


 56.7035, 0.3425,
0.2903

 56.7035, 0.3425,
0.2903

412.3374, 0.3284,
0.3084

 40.7672, 0.3458,
0.2861


 100.0324, 0.3375,
0.2966

 28.1373, 0.3499,
0.2809


128.1939, 0.3356,
0.2991

 18.4291, 0.3552,
0.2743


161.1992, 0.3340,
0.3012

 11.2585, 0.3623,
0.2655

199.4327, 0.3326,
0.3030

 6.2410, 0.3721,
0.2535

243.2789, 0.3313,
0.3046

 2.9922, 0.3868,
0.2360

293.1222, 0.3302,

 1.1276, 0.4108,

0.3060

0.2082

349.3469, 0.3293,
0.3073

0.0014, 0.5593,
0.0010

0.0000, 0.0000,
0.0000

56.7035, 0.3425,
0.2903

56.7035, 0.3425,
0.2903

47.1336, 0.3571,
0.2761

68.1054, 0.3302,
0.3045

39.2908, 0.3742,
0.2627

81.4213, 0.3199,
0.3182

33.0716, 0.3936,
0.2510

96.7376, 0.3113,
0.3313

28.3580, 0.4151,
0.2423

98.6964, 0.3084,
0.3290

■ 25.0160, 0.4380,
0.2377

■ 22.8871, 0.4611,
0.2384

■ 21.7521, 0.4834,
0.2445

■ 21.5996, 0.4873,
0.2458

Harmonies

Analogous

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



56.7035, 0.2997, 0.2690



56.7035, 0.3425, 0.2903



56.7035, 0.3788, 0.3208

Triad

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



56.7035, 0.3425, 0.2903



56.7035, 0.3612, 0.4032



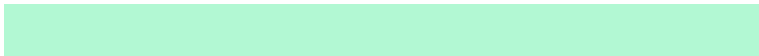
56.7035, 0.2359, 0.2942

Complementary

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



56.7035, 0.3425, 0.2903



81.3022, 0.2909, 0.3714

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.



56.7035, 0.2500, 0.3323



56.7035, 0.3425, 0.2903



56.7035, 0.3212, 0.3998

Square

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



56.7035, 0.3425, 0.2903



56.7035, 0.3891, 0.3853



56.7035, 0.2807, 0.3727



56.7035, 0.2406, 0.2693

Rectangle

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



56.7035, 0.3425, 0.2903



56.7035, 0.3930, 0.3435



56.7035, 0.2807, 0.3727



56.7035, 0.2386, 0.3058

Sweetspot

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



56.7061, 0.3425, 0.2903



87.0642, 0.3197, 0.3185



52.4194, 0.2869, 0.2522



18.1477, 0.3211, 0.3165



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.



56.7061, 0.3425, 0.2903



54.2391, 0.3507, 0.2820



55.1076, 0.3729, 0.3267



17.3787, 0.3211, 0.3165



11.6968, 0.4840, 0.2440



1.1048, 0.4591, 0.2303

Inverse Universe

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



56.7061, 0.3425, 0.2903



54.2391, 0.3507, 0.2820



83.2335, 0.2728, 0.3314



17.3787, 0.3211, 0.3165



11.6968, 0.4840, 0.2440



1.1048, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 56.7035, 0.3425, 0.2903 looks on a white background.

Color Contrast Check

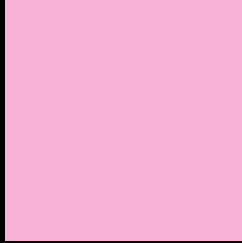
Large Text (above 18pt) WCAG AA × Fail

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 56.7035, 0.3425, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

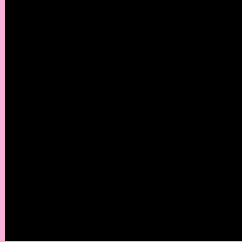
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7035, 0.3425, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 56.7035, 0.3425, 0.2903.



This preview shows how white text looks on a background with the Yxy color 56.7035, 0.3425, 0.2903.

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

56.7035, 0.3425, 0.2903

Protanopia

56.9479, 0.2895, 0.2939

Deuteranopia

56.8904, 0.3137, 0.3072



Tritanopia

56.5807, 0.3574, 0.3141

Trichromacy



Original Color

56.7035, 0.3425, 0.2903



Protanomaly

56.4508, 0.3073, 0.2918



Deuteranomaly

56.7781, 0.3238, 0.3012



Tritanomaly

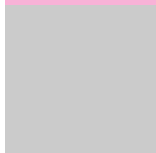
56.6809, 0.3524, 0.3057

Monochromacy



Original Color

56.7035, 0.3425, 0.2903



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.1486, 0.3230, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7035, 0.3425, 0.2903 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(248, 178, 215)` looks like.

```
.text, #text, p{  
    color:rgb(248, 178, 215)  
}
```

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(248, 178, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 178, 215) }
```

Border

The CSS property to change the border of an element to Yxy 56.7035, 0.3425, 0.2903 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(248, 178, 215) }
```

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

```
.border{ border-color:rgb(248, 178, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 178, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 178, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 178, 215);  
box-shadow:4px 4px 4px 4px rgb(248, 178,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7035, 0.3425, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 178, 215) }
```

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

```
.background{ background-color: rgb(248,  
178, 215) }
```

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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