

Converting Colors

$Y_{xy}(56.5402, 0.3500, 0.2990)$

Have a look what the booklet for
Yxy(56.5402, 0.3500, 0.2990)
contains.

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Color

Yxy(56.4855, 0.3502, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	F9B2CF
RGB	249, 178, 207
RGB Percent	98%, 70%, 81%
CMY	0.0236, 0.3019, 0.1883
CMYK	0.00, 0.29, 0.17, 0.02
HSL	336°, 86%, 84%
HSV	336°, 29%, 98%
XYZ	66.2466, 56.4855, 66.4357
YIQ	202.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

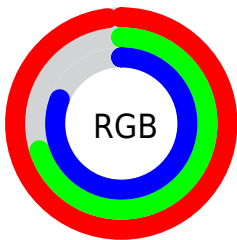
Format	Color
R _Y B	249, 178, 207
Decimal	16364239
CIE Lab	79.89, 30.00, -4.31
CIE LCh	80, 30.306, 351.830
Yxy	56.4855, 0.3502, 0.2986
Android (android.graphics.Color)	4294554319 (0xFFF9B2CF)
YUV	202.5350, 2.2012, 40.7498
Hunter-Lab	75.1568, 25.8133, 0.1997

Details

The Yxy color **56.4855, 0.3502, 0.2986** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.3811, 0.2861, 0.3618**, and the grayscale version is **59.3861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.1736, 0.3600, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **46.7746, 0.3689, 0.2875**, and if you desaturate by 10%, it is **68.0671, 0.3346, 0.3097**.

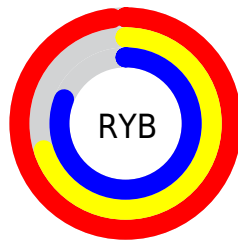
Distribution



Red (98%)

Green (70%)

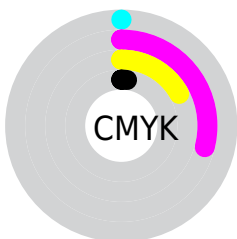
Blue (81%)



Red (98%)

Yellow (70%)

Blue (81%)

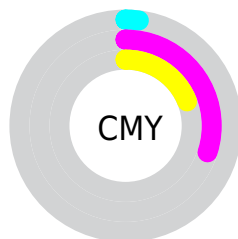


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (2%)



Cyan (2%)


Magenta (30%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4855, 0.3502, 0.2986 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 56.4855, 0.3502, 0.2986 by changing the saturation by 10% instead.

 56.4855, 0.3502,
0.2986

 56.4855, 0.3502,
0.2986

411.5186, 0.3322,
0.3130

 40.5923, 0.3545,
0.2952

 99.7141, 0.3438,
0.3037

 28.0007, 0.3599,
0.2910


127.8183, 0.3414,
0.3056

 18.3262, 0.3668,
0.2856


160.7615, 0.3393,
0.3073

 11.1844, 0.3762,
0.2783

198.9284, 0.3375,
0.3088

 6.1910, 0.3894,
0.2682

242.7031, 0.3359,
0.3100

 2.9616, 0.4095,
0.2532

292.4701, 0.3345,

 1.1117, 0.4436,

0.3111

0.2285

348.6138, 0.3333,
0.3121

0.0000, 0.7146,
0.0000

0.0000, 0.0000,
0.0000

56.4855, 0.3502,
0.2986

56.4855, 0.3502,
0.2986

46.7746, 0.3689,
0.2875

68.0671, 0.3346,
0.3097

38.8274, 0.3911,
0.2771

81.6033, 0.3218,
0.3204

32.5381, 0.4168,
0.2684

97.1824, 0.3113,
0.3305

27.7860, 0.4455,
0.2625

98.8784, 0.3090,
0.3290

■ 24.4341, 0.4761,
0.2607

■ 22.3204, 0.5065,
0.2642

■ 21.2156, 0.5348,
0.2728

■ 21.0908, 0.5389,
0.2743

Harmonies

Analogous

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



56.4855, 0.3100, 0.2757



56.4855, 0.3502, 0.2986



56.4855, 0.3811, 0.3290

Triad

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



56.4855, 0.3502, 0.2986



56.4855, 0.3503, 0.4005



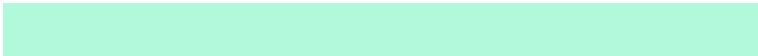
56.4855, 0.2392, 0.2892

Complementary

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



56.4855, 0.3502, 0.2986



82.3811, 0.2861, 0.3618

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.



56.4855, 0.2485, 0.3230



56.4855, 0.3502, 0.2986



56.4855, 0.3114, 0.3915

Square

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



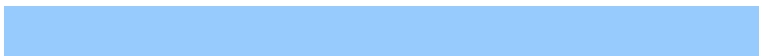
56.4855, 0.3502, 0.2986



56.4855, 0.3804, 0.3879



56.4855, 0.2743, 0.3618



56.4855, 0.2478, 0.2691

Rectangle

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



56.4855, 0.3502, 0.2986



56.4855, 0.3910, 0.3507



56.4855, 0.2743, 0.3618



56.4855, 0.2403, 0.2992

Sweetspot

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



56.4881, 0.3502, 0.2986



85.3774, 0.3224, 0.3199



53.8091, 0.2929, 0.2528



17.8038, 0.3241, 0.3183



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.



56.4881, 0.3502, 0.2986



53.7212, 0.3602, 0.2924



57.6035, 0.3741, 0.3355



17.3427, 0.3230, 0.3194



11.3169, 0.5348, 0.2720



1.0686, 0.5035, 0.2548

Inverse Universe

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



56.4881, 0.3502, 0.2986



53.7212, 0.3602, 0.2924



80.4529, 0.2706, 0.3224



17.3427, 0.3230, 0.3194



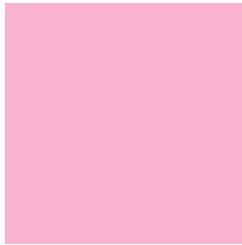
11.3169, 0.5348, 0.2720



1.0686, 0.5035, 0.2548

Previews

White Background



This preview shows how the Yxy color 56.4855, 0.3502, 0.2986 looks on a white background.

Color Contrast Check

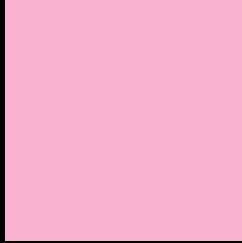
Large Text (above 18pt) WCAG AA × Fail

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 56.4855, 0.3502, 0.2986 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 56.4855, 0.3502, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 56.4855, 0.3502, 0.2986.



This preview shows how white text looks on a background with the Yxy color 56.4855, 0.3502, 0.2986.

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

56.4855, 0.3502, 0.2986

Protanopia

56.7827, 0.2963, 0.3031

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.3117, 0.3594, 0.3142

Trichromacy



Original Color

56.4855, 0.3502, 0.2986



Protanomaly

56.1803, 0.3141, 0.3006



Deuteranomaly

56.2793, 0.3319, 0.3089



Tritanomaly

56.3202, 0.3561, 0.3079

Monochromacy



Original Color

56.4855, 0.3502, 0.2986



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.1589, 0.3261, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4855, 0.3502, 0.2986 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(249, 178, 207)` looks like.

```
.text, #text, p{  
    color:rgb(249, 178, 207)  
}
```

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(249, 178, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 178, 207) }
```

Border

The CSS property to change the border of an element to Yxy 56.4855, 0.3502, 0.2986 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(249, 178, 207) }
```

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

```
.border{ border-color:rgb(249, 178, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 178, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 178, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 178, 207);  
box-shadow:4px 4px 4px 4px rgb(249, 178,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4855, 0.3502, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 178, 207) }
```

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

```
.background{ background-color: rgb(249,  
178, 207) }
```

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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