

Converting Colors

Yxy(56.2168, 0.3605, 0.3006)

Have a look what the booklet for
Yxy(56.2168, 0.3605, 0.3006)
contains.

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Color

Yxy(56.1842, 0.3603, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFCA
RGB	255, 175, 202
RGB Percent	100%, 69%, 79%
CMY	0.0000, 0.3137, 0.2078
CMYK	0.00, 0.31, 0.21, 0.00
HSL	340°, 100%, 84%
HSV	340°, 31%, 100%
XYZ	67.2307, 56.1842, 63.1816
YIQ	201.9980, 39.0130, 25.3570

Conversions

Conversions Part 2

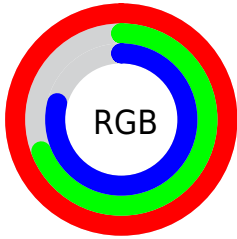
Format	Color
R _Y B	255, 175, 202
Decimal	16756682
CIE Lab	79.72, 32.92, -1.78
CIE LCh	80, 32.967, 356.896
Yxy	56.1842, 0.3603, 0.3011
Android (android.graphics.Color)	4294946762 (0xFFFFAFCA)
YUV	201.9980, 0.0010, 46.4828
Hunter-Lab	74.9561, 28.9296, 2.4929

Details

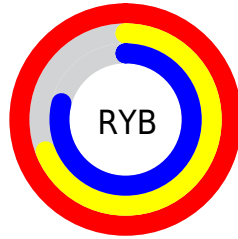
The Yxy color **56.1842, 0.3603, 0.3011** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.2355, 0.2808, 0.3591**, and the grayscale version is **59.0449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **27.9275, 0.3727, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **46.4229, 0.3827, 0.2920**, and if you desaturate by 10%, it is **67.9125, 0.3418, 0.3104**.

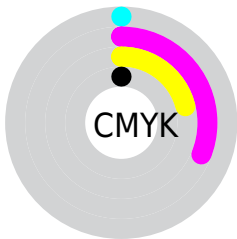
Distribution



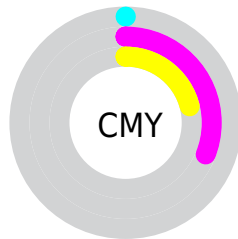
- Red (100%)
- Green (69%)
- Blue (79%)



- Red (100%)
- Yellow (69%)
- Blue (79%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1842, 0.3603, 0.3011 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 56.1842, 0.3603, 0.3011 by changing the saturation by 10% instead.


 56.1842, 0.3603,
0.3011

 56.1842, 0.3603,
0.3011


410.3853, 0.3373,
0.3145

 40.3506, 0.3658,
0.2979


 99.2738, 0.3521,
0.3058

 27.8120, 0.3727,
0.2939


127.2987, 0.3490,
0.3077

 18.1840, 0.3817,
0.2888


160.1561, 0.3464,
0.3092

 11.0822, 0.3938,
0.2819

198.2305, 0.3441,
0.3106

 6.1221, 0.4111,
0.2721

241.9062, 0.3420,
0.3117

 2.9195, 0.4374,
0.2573

291.5676, 0.3403,

 1.0898, 0.4823,

0.3128

0.2326

347.5992, 0.3387,
0.3137

0.0000, 0.8949,
0.0000

0.0000, 0.0000,
0.0000

56.1842, 0.3603,
0.3011

56.1842, 0.3603,
0.3011

46.4229, 0.3827,
0.2920

67.9125, 0.3418,
0.3104

38.5122, 0.4092,
0.2838

81.7000, 0.3266,
0.3194

32.3353, 0.4398,
0.2774

97.6426, 0.3142,
0.3279

27.7592, 0.4736,
0.2741

99.9998, 0.3127,
0.3290

■ 24.6308, 0.5086,
0.2752

■ 22.7666, 0.5419,
0.2813

■ 21.9328, 0.5674,
0.2899

Harmonies

Analogous

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



56.1842, 0.3171, 0.2747



56.1842, 0.3603, 0.3011



56.1842, 0.3911, 0.3347

Triad

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



56.1842, 0.3603, 0.3011



56.1842, 0.3466, 0.4073



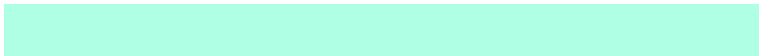
56.1842, 0.2333, 0.2806

Complementary

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



56.1842, 0.3603, 0.3011



86.2355, 0.2808, 0.3591

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.



56.1842, 0.2400, 0.3152



56.1842, 0.3603, 0.3011



56.1842, 0.3037, 0.3934

Square

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



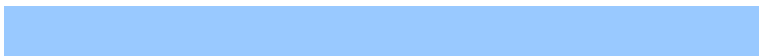
56.1842, 0.3603, 0.3011



56.1842, 0.3819, 0.3966



56.1842, 0.2650, 0.3578



56.1842, 0.2458, 0.2620

Rectangle

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



56.1842, 0.3603, 0.3011



56.1842, 0.3991, 0.3580



56.1842, 0.2650, 0.3578



56.1842, 0.2334, 0.2906

Sweetspot

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



56.1868, 0.3603, 0.3011



85.2806, 0.3234, 0.3214



54.2135, 0.2945, 0.2454



17.7800, 0.3254, 0.3202



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.



56.1868, 0.3603, 0.3011



49.5009, 0.3747, 0.2950



59.8981, 0.3809, 0.3418



18.0882, 0.3241, 0.3210



11.4853, 0.5631, 0.2876



1.1377, 0.5313, 0.2701

Inverse Universe

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



56.1868, 0.3603, 0.3011



49.5009, 0.3747, 0.2950



80.4359, 0.2660, 0.3157



18.0882, 0.3241, 0.3210



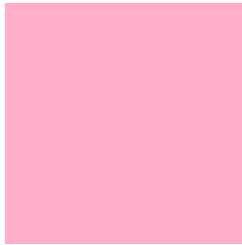
11.4853, 0.5631, 0.2876



1.1377, 0.5313, 0.2701

Previews

White Background



This preview shows how the Yxy color 56.1842, 0.3603, 0.3011 looks on a white background.

Color Contrast Check

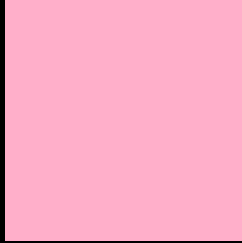
Large Text (above 18pt) WCAG AA × Fail

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 56.1842, 0.3603, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

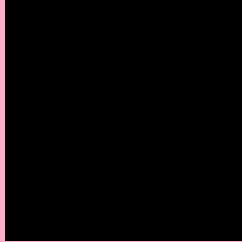
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1842, 0.3603, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 56.1842, 0.3603, 0.3011.



This preview shows how white text looks on a background with the Yxy color 56.1842, 0.3603, 0.3011.

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

56.1842, 0.3603, 0.3011

Protanopia

56.7091, 0.2998, 0.3077

Deuteranopia

56.4217, 0.3270, 0.3210



Tritanopia

56.2328, 0.3697, 0.3155

Trichromacy



Original Color

56.1842, 0.3603, 0.3011



Protanomaly

55.9538, 0.3203, 0.3051



Deuteranomaly

56.1109, 0.3386, 0.3135



Tritanomaly

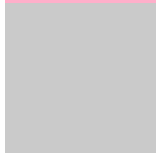
56.0165, 0.3664, 0.3103

Monochromacy



Original Color

56.1842, 0.3603, 0.3011



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.3357, 0.3287, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1842, 0.3603, 0.3011 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(255, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 202)  
}
```

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(255, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.1842, 0.3603, 0.3011 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(255, 175, 202) }
```

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

```
.border{ border-color:rgb(255, 175, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1842, 0.3603, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 202) }
```

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

```
.background{ background-color: rgb(255,  
175, 202) }
```

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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