

Converting Colors

Yxy(61.5306, 0.3846, 0.3057)

Have a look what the booklet for
Yxy(61.5306, 0.3846, 0.3057)
contains.

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Color

Yxy(56.0901, 0.3621, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFC8
RGB	255, 175, 200
RGB Percent	100%, 69%, 78%
CMY	0.0000, 0.3138, 0.2156
CMYK	0.00, 0.31, 0.22, 0.00
HSL	341°, 100%, 84%
HSV	341°, 31%, 100%
XYZ	67.0083, 56.0901, 61.9563
YIQ	201.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

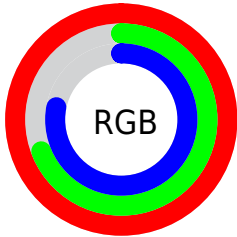
Format	Color
R _Y B	255, 175, 200
Decimal	16756680
CIE Lab	79.67, 32.66, -0.79
CIE LCh	80, 32.667, 358.611
Yxy	56.0901, 0.3621, 0.3031
Android (android.graphics.Color)	4294946760 (0xFFFFAFC8)
YUV	201.7700, -0.8726, 46.6827
Hunter-Lab	74.8933, 28.6437, 3.3770

Details

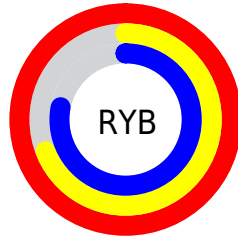
The Yxy color **56.0901, 0.3621, 0.3031** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.3428, 0.2798, 0.3568**, and the grayscale version is **58.8942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **27.8647, 0.3752, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **46.3072, 0.3854, 0.2947**, and if you desaturate by 10%, it is **67.8317, 0.3428, 0.3117**.

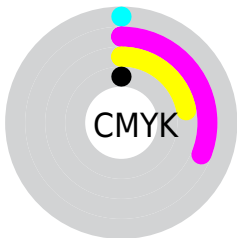
Distribution



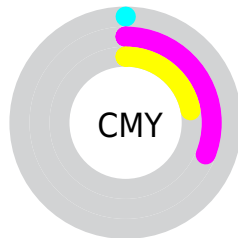
- Red (100%)
- Green (69%)
- Blue (78%)



- Red (100%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0901, 0.3621, 0.3031 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 56.0901, 0.3621, 0.3031 by changing the saturation by 10% instead.


 56.0901, 0.3621,
0.3031

 56.0901, 0.3621,
0.3031


410.0310, 0.3382,
0.3156

 40.2752, 0.3678,
0.3001


 99.1363, 0.3536,
0.3075

 27.7532, 0.3750,
0.2964


127.1364, 0.3504,
0.3092

 18.1397, 0.3844,
0.2915


159.9669, 0.3476,
0.3107

 11.0503, 0.3971,
0.2849

198.0124, 0.3452,
0.3119

 6.1007, 0.4152,
0.2756

241.6571, 0.3431,
0.3130

 2.9064, 0.4428,
0.2614

291.2855, 0.3413,

 1.0831, 0.4901,

0.3140

0.2373

347.2820, 0.3397,
0.3148

0.0000, 0.9807,
0.0000

0.0000, 0.0000,
0.0000

56.0901, 0.3621,
0.3031

56.0901, 0.3621,
0.3031

46.3072, 0.3854,
0.2947

67.8317, 0.3428,
0.3117

38.3878, 0.4131,
0.2871

81.6463, 0.3271,
0.3201

32.2079, 0.4451,
0.2813

97.6229, 0.3143,
0.3280

27.6336, 0.4803,
0.2785

100.0000, 0.3127,
0.3290

■ 24.5117, 0.5166,
0.2800

■ 22.6580, 0.5508,
0.2863

■ 21.8365, 0.5765,
0.2949

Harmonies

Analogous

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



56.0901, 0.3197, 0.2764



56.0901, 0.3621, 0.3031



56.0901, 0.3915, 0.3367

Triad

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



56.0901, 0.3621, 0.3031



56.0901, 0.3440, 0.4065



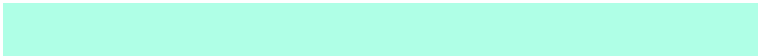
56.0901, 0.2341, 0.2795

Complementary

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



56.0901, 0.3621, 0.3031



86.3428, 0.2798, 0.3568

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.



56.0901, 0.2397, 0.3130



56.0901, 0.3621, 0.3031



56.0901, 0.3014, 0.3913

Square

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



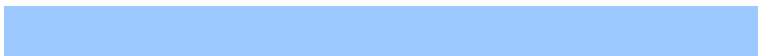
56.0901, 0.3621, 0.3031



56.0901, 0.3797, 0.3972



56.0901, 0.2636, 0.3552



56.0901, 0.2476, 0.2620

Rectangle

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



56.0901, 0.3621, 0.3031



56.0901, 0.3985, 0.3597



56.0901, 0.2636, 0.3552



56.0901, 0.2338, 0.2891

Sweetspot

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



56.0855, 0.3621, 0.3031



85.2472, 0.3238, 0.3220



54.6410, 0.2966, 0.2459



17.7718, 0.3258, 0.3208



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.



56.0855, 0.3621, 0.3031



49.3973, 0.3770, 0.2975



61.0317, 0.3800, 0.3446



18.0807, 0.3245, 0.3216



11.4336, 0.5722, 0.2926



1.1320, 0.5402, 0.2750

Inverse Universe

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



56.0855, 0.3621, 0.3031



49.3973, 0.3770, 0.2975



78.8471, 0.2657, 0.3127



18.0807, 0.3245, 0.3216



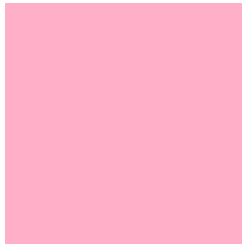
11.4336, 0.5722, 0.2926



1.1320, 0.5402, 0.2750

Previews

White Background



This preview shows how the Yxy color 56.0901, 0.3621, 0.3031 looks on a white background.

Color Contrast Check

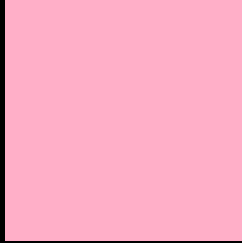
Large Text (above 18pt) WCAG AA × Fail

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 56.0901, 0.3621, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

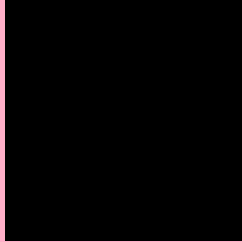
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0901, 0.3621, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 56.0901, 0.3621, 0.3031.



This preview shows how white text looks on a background with the Yxy color 56.0901, 0.3621, 0.3031.

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

56.0901, 0.3621, 0.3031

Protanopia

56.6069, 0.3012, 0.3100

Deuteranopia

56.0445, 0.3295, 0.3221



Tritanopia

56.2328, 0.3697, 0.3155

Trichromacy



Original Color

56.0901, 0.3621, 0.3031



Protanomaly

55.8547, 0.3219, 0.3074



Deuteranomaly

55.7641, 0.3413, 0.3146



Tritanomaly

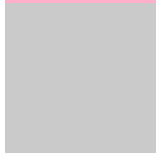
56.0165, 0.3664, 0.3103

Monochromacy



Original Color

56.0901, 0.3621, 0.3031



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.2885, 0.3295, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0901, 0.3621, 0.3031 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.0901, 0.3621, 0.3031 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, 200) }
```

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

```
.border{ border-color:rgb(255, 175, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0901, 0.3621, 0.3031 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
175, 200) }
```

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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