

Converting Colors

$Yxy(66.0071, 0.4060, 0.3139)$

Have a look what the booklet for
Yxy(66.0071, 0.4060, 0.3139)
contains.

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Color

Yxy(56.1609, 0.3681, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C1
RGB	255, 176, 193
RGB Percent	100%, 69%, 76%
CMY	0.0001, 0.3097, 0.2431
CMYK	0.00, 0.31, 0.24, 0.00
HSL	347°, 100%, 85%
HSV	347°, 31%, 100%
XYZ	66.3867, 56.1609, 57.8021
YIQ	201.5590, 41.6270, 22.0350

Conversions

Conversions Part 2

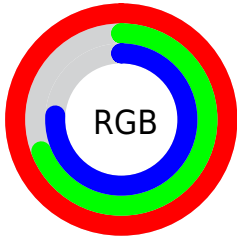
Format	Color
R_{YB}	255, 176, 193
Decimal	16756929
CIE _{Lab}	79.71, 31.10, 3.07
CIE _{LCh}	80, 31.255, 5.633
Yxy	56.1609, 0.3681, 0.3114
Android (android.graphics.Color)	4294947009 (0xFFFFB0C1)
YUV	201.5590, -4.2196, 46.8678
Hunter-Lab	74.9406, 26.9797, 6.7277

Details

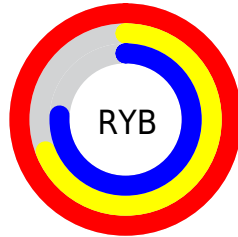
The Yxy color **56.1609, 0.3681, 0.3114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9108, 0.2764, 0.3476**, and the grayscale version is **58.7830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8128, 0.3175, 0.3125**, and **27.9297, 0.3823, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **46.2516, 0.3949, 0.3056**, and if you desaturate by 10%, it is **68.0742, 0.3461, 0.3173**.

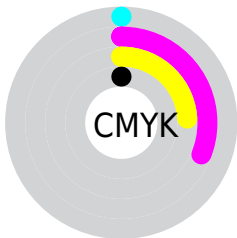
Distribution



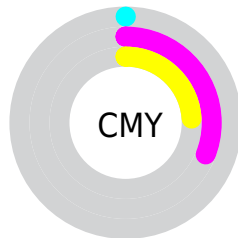
- Red (100%)
- Green (69%)
- Blue (76%)



- Red (100%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1609, 0.3681, 0.3114 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 56.1609, 0.3681, 0.3114 by changing the saturation by 10% instead.

 56.1609, 0.3681,
0.3114

 56.1609, 0.3681,
0.3114


410.2976, 0.3412,
0.3202

 40.3319, 0.3746,
0.3092


 99.2398, 0.3585,
0.3146

 27.7975, 0.3828,
0.3065


127.2585, 0.3548,
0.3158

 18.1730, 0.3935,
0.3028


160.1093, 0.3517,
0.3168

 11.0743, 0.4080,
0.2978

198.1765, 0.3490,
0.3176

 6.1168, 0.4287,
0.2905

241.8445, 0.3467,
0.3184

 2.9162, 0.4605,
0.2789

291.4978, 0.3446,

 1.0882, 0.5153,

0.3191

0.2581

347.5207, 0.3428,
0.3196

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1609, 0.3681,
0.3114

56.1609, 0.3681,
0.3114

46.2516, 0.3949,
0.3056

68.0742, 0.3461,
0.3173

38.2280, 0.4270,
0.3005

82.0852, 0.3283,
0.3231

31.9721, 0.4642,
0.2969

98.2913, 0.3140,
0.3285

27.3487, 0.5047,
0.2958

99.9962, 0.3127,
0.3290

■ 24.2032, 0.5455,
0.2982

■ 22.3507, 0.5819,
0.3043

■ 21.5311, 0.6075,
0.3120

Harmonies

Analogous

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



56.1609, 0.3293, 0.2836



56.1609, 0.3681, 0.3114



56.1609, 0.3916, 0.3444

Triad

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



56.1609, 0.3681, 0.3114



56.1609, 0.3334, 0.4017



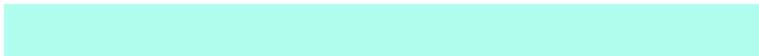
56.1609, 0.2387, 0.2763

Complementary

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



56.1609, 0.3681, 0.3114



86.9108, 0.2764, 0.3476

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.



56.1609, 0.2398, 0.3053



56.1609, 0.3681, 0.3114



56.1609, 0.2927, 0.3817

Square

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



56.1609, 0.3681, 0.3114



56.1609, 0.3701, 0.3982



56.1609, 0.2589, 0.3446



56.1609, 0.2558, 0.2632

Rectangle

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



56.1609, 0.3681, 0.3114



56.1609, 0.3945, 0.3661



56.1609, 0.2589, 0.3446



56.1609, 0.2370, 0.2843

Sweetspot

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



56.1635, 0.3681, 0.3114



85.1153, 0.3253, 0.3242



56.4298, 0.3029, 0.2485



17.7395, 0.3275, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

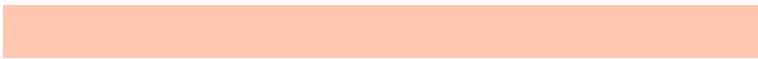
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1635, 0.3681, 0.3114



49.9623, 0.3837, 0.3079



64.9572, 0.3764, 0.3525



18.0511, 0.3260, 0.3239



11.2701, 0.6038, 0.3100



1.1126, 0.5734, 0.2933

Inverse Universe

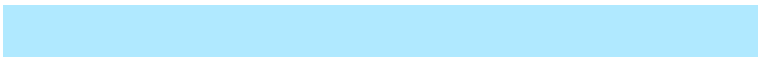
The Inverse Universe completely reimagines the original color for something new.



56.1635, 0.3681, 0.3114



49.9623, 0.3837, 0.3079



74.5058, 0.2652, 0.3041



18.0511, 0.3260, 0.3239



11.2701, 0.6038, 0.3100



1.1126, 0.5734, 0.2933

Previews

White Background



This preview shows how the Yxy color 56.1609, 0.3681, 0.3114 looks on a white background.

Color Contrast Check

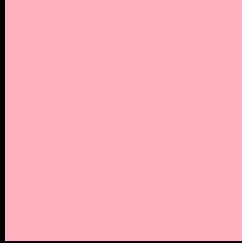
Large Text (above 18pt) WCAG AA × Fail

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 56.1609, 0.3681, 0.3114 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 56.1609, 0.3681, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 56.1609, 0.3681, 0.3114.



This preview shows how white text looks on a background with the Yxy color 56.1609, 0.3681, 0.3114.

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

56.1609, 0.3681, 0.3114

Protanopia

56.4824, 0.3085, 0.3195

Deuteranopia

56.1950, 0.3375, 0.3302



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.1609, 0.3681, 0.3114



Protanomaly

55.6723, 0.3282, 0.3153



Deuteranomaly

56.2030, 0.3487, 0.3235



Tritanomaly

56.4659, 0.3697, 0.3145

Monochromacy



Original Color

56.1609, 0.3681, 0.3114



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.6356, 0.3310, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1609, 0.3681, 0.3114 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, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 193)  
}
```

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, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.1609, 0.3681, 0.3114 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, 176, 193) }
```

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

```
.border{ border-color:rgb(255, 176, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1609, 0.3681, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 193) }
```

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

```
.background{ background-color: rgb(255,  
176, 193) }
```

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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