

Converting Colors

$Yxy(56.6487, 0.3639, 0.3074)$

Have a look what the booklet for
Yxy(56.6487, 0.3639, 0.3074)
contains.

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Color

Yxy(56.7815, 0.3634, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1C6
RGB	255, 177, 198
RGB Percent	100%, 69%, 78%
CMY	0.0001, 0.3058, 0.2235
CMYK	0.00, 0.31, 0.22, 0.00
HSL	344°, 100%, 85%
HSV	344°, 31%, 100%
XYZ	67.1474, 56.7815, 60.8466
YIQ	202.7160, 39.7470, 23.0670

Conversions

Conversions Part 2

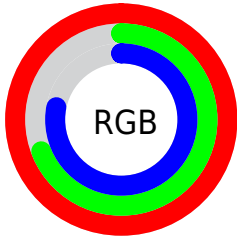
Format	Color
R _Y B	255, 177, 198
Decimal	16757190
CIE Lab	80.06, 31.28, 0.88
CIE LCh	80, 31.290, 1.609
Yxy	56.7815, 0.3634, 0.3073
Android (android.graphics.Color)	4294947270 (0xFFFFB1C6)
YUV	202.7160, -2.3250, 45.8531
Hunter-Lab	75.3535, 27.1925, 4.8719

Details

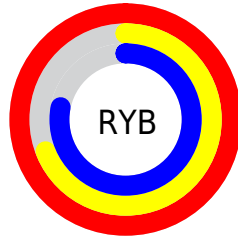
The Yxy color **56.7815, 0.3634, 0.3073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.7918, 0.2789, 0.3521**, and the grayscale version is **59.5312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.2992, 0.3770, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **46.8261, 0.3880, 0.3000**, and if you desaturate by 10%, it is **68.7297, 0.3432, 0.3147**.

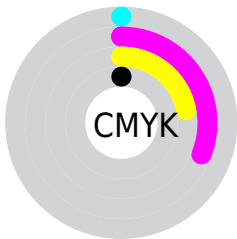
Distribution



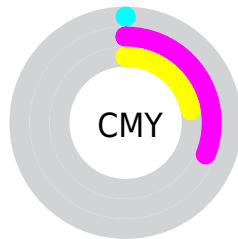
- Red (100%)
- Green (69%)
- Blue (78%)



- 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 56.7815, 0.3634, 0.3073 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 56.7815, 0.3634, 0.3073 by changing the saturation by 10% instead.


 56.7815, 0.3634,
0.3073

 56.7815, 0.3634,
0.3073


412.6301, 0.3389,
0.3179

 40.8298, 0.3693,
0.3048


 100.1463, 0.3547,
0.3111

 28.1861, 0.3767,
0.3015


128.3282, 0.3513,
0.3125

 18.4660, 0.3864,
0.2973


161.3557, 0.3485,
0.3137

 11.2851, 0.3994,
0.2916

199.6131, 0.3460,
0.3148

 6.2589, 0.4179,
0.2835

243.4849, 0.3439,
0.3157

 3.0032, 0.4464,
0.2709


293.3553, 0.3420,

 1.1334, 0.4950,


0.3165


0.2492


349.6089, 0.3404,
0.3172

 0.0063, 0.9919,
0.0081

 0.0000, 0.0000,
0.0000


 56.7815, 0.3634,
0.3073


 56.7815, 0.3634,
0.3073


 46.8261, 0.3880,
0.3000

 68.7297, 0.3432,
0.3147

 38.7467, 0.4174,
0.2935

 82.7633, 0.3267,
0.3219

 32.4266, 0.4514,
0.2886

 98.9785, 0.3134,
0.3286

 27.7328, 0.4890,
0.2864

 99.9947, 0.3127,
0.3290

■ 24.5126, 0.5276,
0.2881

■ 22.5845, 0.5634,
0.2942

■ 21.6798, 0.5915,
0.3032

Harmonies

Analogous

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



56.7815, 0.3236, 0.2807



56.7815, 0.3634, 0.3073



56.7815, 0.3895, 0.3399

Triad

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



56.7815, 0.3634, 0.3073



56.7815, 0.3388, 0.4024



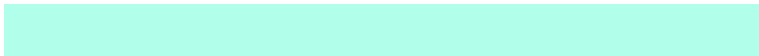
56.7815, 0.2380, 0.2794

Complementary

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



56.7815, 0.3634, 0.3073



86.7918, 0.2789, 0.3521

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.



56.7815, 0.2415, 0.3102



56.7815, 0.3634, 0.3073



56.7815, 0.2981, 0.3855

Square

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



56.7815, 0.3634, 0.3073



56.7815, 0.3740, 0.3960



56.7815, 0.2628, 0.3500



56.7815, 0.2526, 0.2641

Rectangle

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



56.7815, 0.3634, 0.3073



56.7815, 0.3946, 0.3618



56.7815, 0.2628, 0.3500



56.7815, 0.2371, 0.2881

Sweetspot

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



56.7842, 0.3634, 0.3073



85.1878, 0.3244, 0.3230



55.9748, 0.2991, 0.2486



17.7573, 0.3266, 0.3220



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.



56.7842, 0.3634, 0.3073



50.1746, 0.3787, 0.3026



62.9732, 0.3769, 0.3468



18.0674, 0.3252, 0.3226



11.3520, 0.5874, 0.3010



1.1226, 0.5556, 0.2834

Inverse Universe

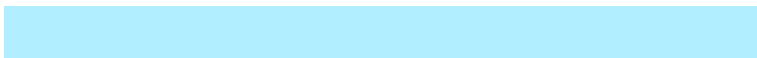
The Inverse Universe completely reimagines the original color for something new.



56.7842, 0.3634, 0.3073



50.1746, 0.3787, 0.3026



77.7649, 0.2665, 0.3103



18.0674, 0.3252, 0.3226



11.3520, 0.5874, 0.3010



1.1226, 0.5556, 0.2834

Previews

White Background



This preview shows how the Yxy color 56.7815, 0.3634, 0.3073 looks on a white background.

Color Contrast Check

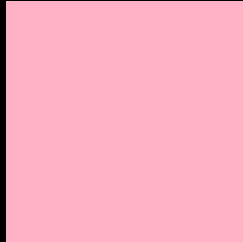
Large Text (above 18pt) WCAG AA × Fail

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 56.7815, 0.3634, 0.3073 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 56.7815, 0.3634, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 56.7815, 0.3634, 0.3073.



This preview shows how white text looks on a background with the Yxy color 56.7815, 0.3634, 0.3073.

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

56.7815, 0.3634, 0.3073

Protanopia

57.1834, 0.3049, 0.3148

Deuteranopia

56.6995, 0.3326, 0.3256



Tritanopia

56.7174, 0.3677, 0.3145

Trichromacy



Original Color

56.7815, 0.3634, 0.3073



Protanomaly

56.3432, 0.3242, 0.3108



Deuteranomaly

56.6820, 0.3435, 0.3191



Tritanomaly

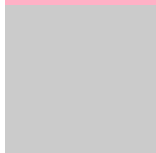
56.8067, 0.3659, 0.3124

Monochromacy



Original Color

56.7815, 0.3634, 0.3073



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.3302, 0.3301, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7815, 0.3634, 0.3073 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, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 198)  
}
```

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, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.7815, 0.3634, 0.3073 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, 177, 198) }
```

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

```
.border{ border-color:rgb(255, 177, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7815, 0.3634, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 198) }
```

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

```
.background{ background-color: rgb(255,  
177, 198) }
```

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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