

Converting Colors

Yxy(56.4056, 0.3629, 0.3054)

Have a look what the booklet for
Yxy(56.4056, 0.3629, 0.3054)
contains.

Yxy(56.4342, 0.3628, 0.3052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4342, 0.3628, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C7
RGB	255, 176, 199
RGB Percent	100%, 69%, 78%
CMY	0.0000, 0.3099, 0.2196
CMYK	0.00, 0.31, 0.22, 0.00
HSL	343°, 100%, 85%
HSV	343°, 31%, 100%
XYZ	67.0850, 56.4342, 61.3898
YIQ	202.2430, 39.7010, 23.9010

Conversions

Conversions Part 2

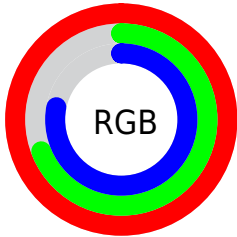
Format	Color
R _Y B	255, 176, 199
Decimal	16756935
CIE _{Lab}	79.86, 31.99, 0.05
CIE _{LCh}	80, 31.986, 0.092
Y _{xy}	56.4342, 0.3628, 0.3052
Android (android.graphics.Color)	4294947015 (0xFFFFB0C7)
Y _{UV}	202.2430, -1.5988, 46.2679
Hunter-Lab	75.1227, 27.9367, 4.1345

Details

The Yxy color **56.4342, 0.3628, 0.3052** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.5740, 0.2793, 0.3545**, and the grayscale version is **59.2080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.0806, 0.3761, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **46.5618, 0.3867, 0.2973**, and if you desaturate by 10%, it is **68.2744, 0.3430, 0.3132**.

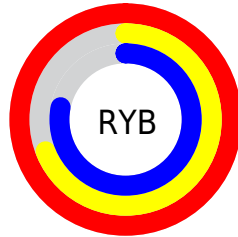
Distribution



Red (100%)

Green (69%)

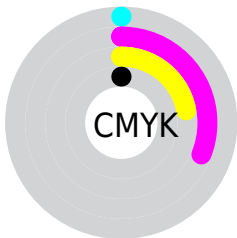
Blue (78%)



Red (100%)

Yellow (69%)

Blue (78%)

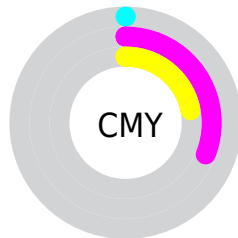


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4342, 0.3628, 0.3052 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 56.4342, 0.3628, 0.3052 by changing the saturation by 10% instead.


 56.4342, 0.3628,
0.3052

 56.4342, 0.3628,
0.3052


411.3258, 0.3386,
0.3167

 40.5512, 0.3686,
0.3024


 99.6391, 0.3542,
0.3093

 27.9685, 0.3759,
0.2989


127.7298, 0.3509,
0.3109

 18.3019, 0.3855,
0.2944


160.6585, 0.3481,
0.3122

 11.1670, 0.3983,
0.2883


198.8096, 0.3457,
0.3134

 6.1793, 0.4167,
0.2795

242.5675, 0.3435,
0.3144

 2.9544, 0.4448,
0.2662

292.3165, 0.3417,

 1.1080, 0.4928,

0.3153

0.2433

348.4412, 0.3400,
0.3160

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4342, 0.3628,
0.3052

56.4342, 0.3628,
0.3052

46.5618, 0.3867,
0.2973

68.2744, 0.3430,
0.3132

38.5631, 0.4153,
0.2903

82.1978, 0.3269,
0.3210

32.3139, 0.4483,
0.2849

98.2930, 0.3139,
0.3283

27.6806, 0.4847,
0.2825

100.0000, 0.3127,
0.3290

■ 24.5103, 0.5222,
0.2840

■ 22.6201, 0.5572,
0.2903

■ 21.7581, 0.5841,
0.2992

Harmonies

Analogous

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



56.4342, 0.3217, 0.2785



56.4342, 0.3628, 0.3052



56.4342, 0.3906, 0.3383

Triad

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



56.4342, 0.3628, 0.3052



56.4342, 0.3414, 0.4045



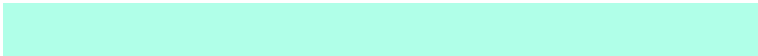
56.4342, 0.2360, 0.2794

Complementary

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



56.4342, 0.3628, 0.3052



86.5740, 0.2793, 0.3545

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.



56.4342, 0.2405, 0.3116



56.4342, 0.3628, 0.3052



56.4342, 0.2997, 0.3884

Square

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



56.4342, 0.3628, 0.3052



56.4342, 0.3768, 0.3966



56.4342, 0.2632, 0.3526



56.4342, 0.2501, 0.2630

Rectangle

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



56.4342, 0.3628, 0.3052



56.4342, 0.3966, 0.3608



56.4342, 0.2632, 0.3526



56.4342, 0.2354, 0.2886

Sweetspot

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



56.4292, 0.3628, 0.3052



85.2177, 0.3241, 0.3225



55.3039, 0.2978, 0.2472



17.7646, 0.3262, 0.3214



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.



56.4292, 0.3628, 0.3052



50.2641, 0.3766, 0.3004



62.0011, 0.3785, 0.3457



18.0741, 0.3248, 0.3221



11.3914, 0.5799, 0.2968



1.1272, 0.5479, 0.2792

Inverse Universe

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



56.4292, 0.3628, 0.3052



50.2641, 0.3766, 0.3004



78.2973, 0.2660, 0.3115



18.0741, 0.3248, 0.3221



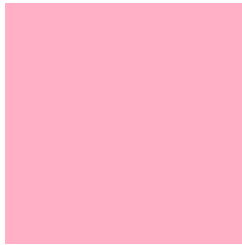
11.3914, 0.5799, 0.2968



1.1272, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 56.4342, 0.3628, 0.3052 looks on a white background.

Color Contrast Check

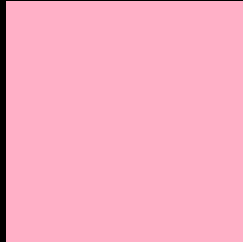
Large Text (above 18pt) WCAG AA × Fail

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 56.4342, 0.3628, 0.3052 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 56.4342, 0.3628, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 56.4342, 0.3628, 0.3052.



This preview shows how white text looks on a background with the Yxy color 56.4342, 0.3628, 0.3052.

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

56.4342, 0.3628, 0.3052

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.5902, 0.3310, 0.3244



Tritanopia

56.2767, 0.3688, 0.3145

Trichromacy



Original Color

56.4342, 0.3628, 0.3052



Protanomaly

55.9603, 0.3235, 0.3085



Deuteranomaly

56.1380, 0.3419, 0.3168



Tritanomaly

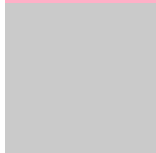
56.4102, 0.3661, 0.3114

Monochromacy



Original Color

56.4342, 0.3628, 0.3052



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.7291, 0.3294, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4342, 0.3628, 0.3052 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.4342, 0.3628, 0.3052 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, 199) }
```

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

```
.border{ border-color:rgb(255, 176, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 199); box-shadow:4px 4px 4px 4px rgb(255, 176, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4342, 0.3628, 0.3052 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
176, 199) }
```

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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