

Converting Colors

Yxy(56.6813, 0.3741, 0.3216)

Have a look what the booklet for
Yxy(56.6813, 0.3741, 0.3216)
contains.

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Color

Yxy(56.6036, 0.3748, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B9
RGB	255, 178, 185
RGB Percent	100%, 70%, 73%
CMY	0.0000, 0.3020, 0.2744
CMYK	0.00, 0.30, 0.27, 0.00
HSL	355°, 100%, 85%
HSV	355°, 30%, 100%
XYZ	65.9261, 56.6036, 53.3671
YIQ	201.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

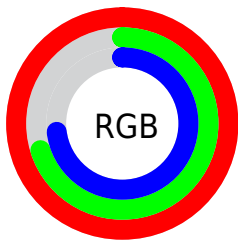
Format	Color
R _Y B	255, 178, 185
Decimal	16757433
CIE Lab	79.96, 28.99, 7.75
CIE LCh	80, 30.013, 14.970
Yxy	56.6036, 0.3748, 0.3218
Android (android.graphics.Color)	4294947513 (0xFFFFB2B9)
YUV	201.8210, -8.2928, 46.6380
Hunter-Lab	75.2354, 24.7515, 10.6083

Details

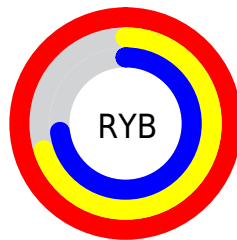
The Yxy color **56.6036, 0.3748, 0.3218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7589, 0.2725, 0.3365**, and the grayscale version is **58.9761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4565, 0.3225, 0.3222**, and **28.2035, 0.3915, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **46.4805, 0.4059, 0.3194**, and if you desaturate by 10%, it is **68.7688, 0.3495, 0.3243**.

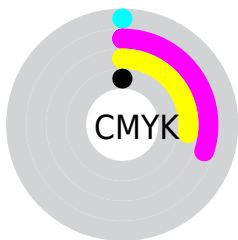
Distribution



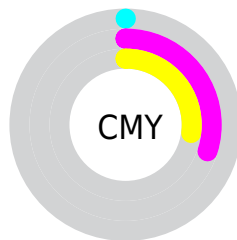
- Red (100%)
- Green (70%)
- Blue (73%)



- Red (100%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6036, 0.3748, 0.3218 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 56.6036, 0.3748, 0.3218 by changing the saturation by 10% instead.


 56.6036, 0.3748,
0.3218

 56.6036, 0.3748,
0.3218


411.9623, 0.3445,
0.3258

 40.6871, 0.3821,
0.3207


 99.8866, 0.3640,
0.3233

 28.0746, 0.3914,
0.3192


128.0218, 0.3599,
0.3239

 18.3819, 0.4034,
0.3172


160.9987, 0.3564,
0.3244

 11.2245, 0.4198,
0.3142

199.2017, 0.3533,
0.3247

 6.2181, 0.4431,
0.3095

243.0151, 0.3507,
0.3251

 2.9781, 0.4790,
0.3013

292.8234, 0.3484,

 1.1203, 0.5445,

0.3254

0.2870

349.0110, 0.3463,
0.3256

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6036, 0.3748,
0.3218

56.6036, 0.3748,
0.3218

46.4805, 0.4059,
0.3194

68.7688, 0.3495,
0.3243

38.2920, 0.4432,
0.3174

83.0849, 0.3292,
0.3267

31.9132, 0.4861,
0.3162

99.6469, 0.3130,
0.3290

27.2068, 0.5321,
0.3163

100.0000, 0.3127,
0.3290

■ 24.0156, 0.5759,
0.3181

■ 22.1524, 0.6109,
0.3216

■ 21.3231, 0.6322,
0.3256

Harmonies

Analogous

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



56.6036, 0.3411, 0.2929



56.6036, 0.3748, 0.3218



56.6036, 0.3908, 0.3539

Triad

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



56.6036, 0.3748, 0.3218



56.6036, 0.3205, 0.3948



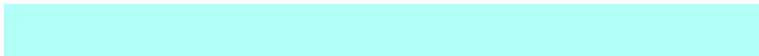
56.6036, 0.2450, 0.2728

Complementary

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



56.6036, 0.3748, 0.3218



87.7589, 0.2725, 0.3365

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.



56.6036, 0.2404, 0.2963



56.6036, 0.3748, 0.3218



56.6036, 0.2824, 0.3695

Square

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



56.6036, 0.3748, 0.3218



56.6036, 0.3579, 0.3986



56.6036, 0.2536, 0.3318



56.6036, 0.2664, 0.2651

Rectangle

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



56.6036, 0.3748, 0.3218



56.6036, 0.3889, 0.3737



56.6036, 0.2536, 0.3318



56.6036, 0.2415, 0.2790

Sweetspot

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



56.6020, 0.3748, 0.3218



84.9504, 0.3271, 0.3270



58.8864, 0.3102, 0.2522



17.6993, 0.3297, 0.3266



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.



56.6020, 0.3748, 0.3218



50.4884, 0.3920, 0.3204



69.9747, 0.3716, 0.3610



18.0140, 0.3280, 0.3269



11.1508, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Inverse Universe

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



56.6020, 0.3748, 0.3218



50.4884, 0.3920, 0.3204



70.1014, 0.2652, 0.2945



18.0140, 0.3280, 0.3269



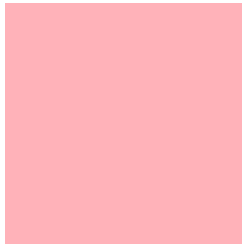
11.1508, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 56.6036, 0.3748, 0.3218 looks on a white background.

Color Contrast Check

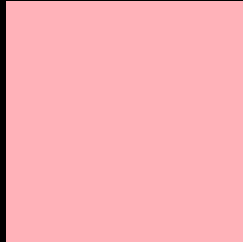
Large Text (above 18pt) WCAG AA × Fail

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 56.6036, 0.3748, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

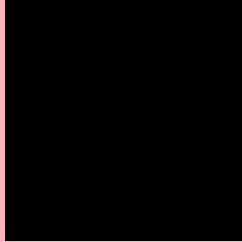
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6036, 0.3748, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 56.6036, 0.3748, 0.3218.

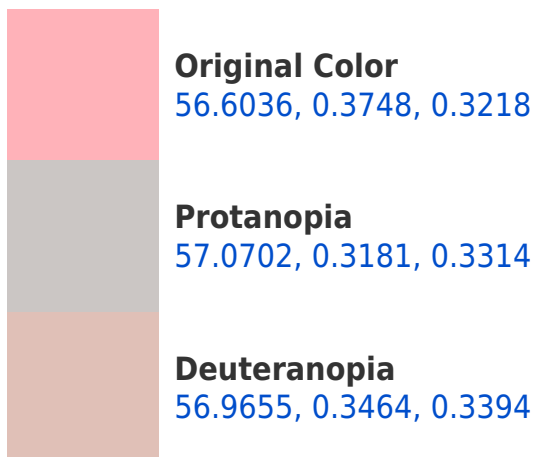


This preview shows how white text looks on a background with the Yxy color 56.6036, 0.3748, 0.3218.

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





Tritanopia

56.4659, 0.3697, 0.3145

Trichromacy



Original Color

56.6036, 0.3748, 0.3218

Protanomaly

56.5970, 0.3376, 0.3279

Deuteranomaly

56.6635, 0.3561, 0.3325

Tritanomaly

56.3784, 0.3715, 0.3166

Monochromacy



Original Color

56.6036, 0.3748, 0.3218

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.4976, 0.3333, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6036, 0.3748, 0.3218 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, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 185)  
}
```

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, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.6036, 0.3748, 0.3218 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, 178, 185) }
```

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

```
.border{ border-color:rgb(255, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6036, 0.3748, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 185) }
```

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

```
.background{ background-color: rgb(255,  
178, 185) }
```

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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