

Converting Colors

$Yxy(57.5762, 0.3817, 0.3255)$

Have a look what the booklet for
Yxy(57.5762, 0.3817, 0.3255)
contains.

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Color

Yxy(56.4782, 0.3775, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B6
RGB	255, 178, 182
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.3019, 0.2863
CMYK	0.00, 0.30, 0.29, 0.00
HSL	357°, 100%, 85%
HSV	357°, 30%, 100%
XYZ	65.6016, 56.4782, 51.6993
YIQ	201.4790, 44.6080, 17.5680

Conversions

Conversions Part 2

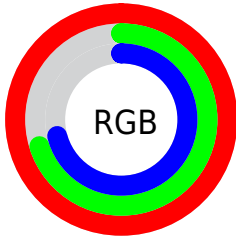
Format	Color
R _Y B	255, 178, 182
Decimal	16757430
CIE Lab	79.89, 28.57, 9.29
CIE LCh	80, 30.045, 18.012
Yxy	56.4782, 0.3775, 0.3250
Android (android.graphics.Color)	4294947510 (0xFFFFB2B6)
YUV	201.4790, -9.6031, 46.9379
Hunter-Lab	75.1520, 24.3001, 11.8190

Details

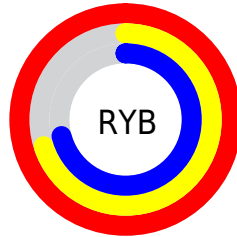
The Yxy color **56.4782, 0.3775, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9464, 0.2710, 0.3332**, and the grayscale version is **58.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2787, 0.3244, 0.3251**, and **28.1225, 0.3953, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **46.3438, 0.4100, 0.3237**, and if you desaturate by 10%, it is **68.6764, 0.3511, 0.3264**.

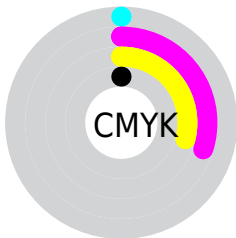
Distribution



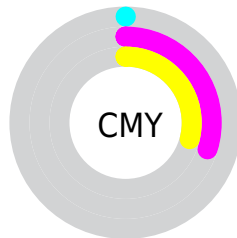
- Red (100%)
- Green (70%)
- Blue (71%)



- Red (100%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4782, 0.3775, 0.3250 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 56.4782, 0.3775, 0.3250 by changing the saturation by 10% instead.


 56.4782, 0.3775,
0.3250

 56.4782, 0.3775,
0.3250


411.4912, 0.3459,
0.3276

 40.5865, 0.3851,
0.3242


 99.7034, 0.3662,
0.3261

 27.9961, 0.3948,
0.3231


127.8057, 0.3619,
0.3264

 18.3227, 0.4074,
0.3215


160.7469, 0.3582,
0.3267

 11.1819, 0.4245,
0.3191

198.9115, 0.3551,
0.3269

 6.1893, 0.4490,
0.3151

242.6838, 0.3523,
0.3271

 2.9605, 0.4865,
0.3078

292.4482, 0.3499,

 1.1112, 0.5587,

0.3273

0.2966

348.5892, 0.3478,
0.3275

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4782, 0.3775,
0.3250

56.4782, 0.3775,
0.3250

46.3438, 0.4100,
0.3237

68.6764, 0.3511,
0.3264

38.1517, 0.4491,
0.3226

83.0352, 0.3299,
0.3277

31.7800, 0.4938,
0.3221

99.6550, 0.3130,
0.3290

27.0898, 0.5410,
0.3223

99.9985, 0.3127,
0.3290

■ 23.9221, 0.5849,
0.3236

■ 22.0876, 0.6182,
0.3258

■ 21.2881, 0.6363,
0.3279

Harmonies

Analogous

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



56.4782, 0.3451, 0.2954



56.4782, 0.3775, 0.3250



56.4782, 0.3914, 0.3571

Triad

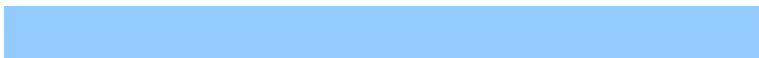
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4782, 0.3775, 0.3250



56.4782, 0.3164, 0.3933



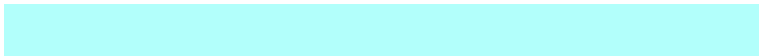
56.4782, 0.2463, 0.2712

Complementary

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



56.4782, 0.3775, 0.3250



87.9464, 0.2710, 0.3332

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.



56.4782, 0.2400, 0.2932



56.4782, 0.3775, 0.3250



56.4782, 0.2788, 0.3660

Square

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



56.4782, 0.3775, 0.3250



56.4782, 0.3545, 0.3994



56.4782, 0.2514, 0.3279



56.4782, 0.2693, 0.2651

Rectangle

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



56.4782, 0.3775, 0.3250



56.4782, 0.3879, 0.3765



56.4782, 0.2514, 0.3279



56.4782, 0.2422, 0.2768

Sweetspot

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



56.4809, 0.3775, 0.3250



84.8983, 0.3277, 0.3279



59.3626, 0.3122, 0.2527



17.6865, 0.3304, 0.3277



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.



56.4809, 0.3775, 0.3250



50.3511, 0.3956, 0.3242



71.2455, 0.3708, 0.3636



18.0023, 0.3286, 0.3278



11.1305, 0.6349, 0.3271



1.0889, 0.6227, 0.3204

Inverse Universe

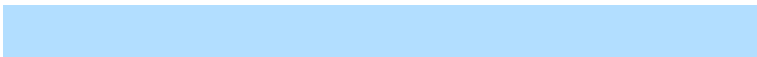
The Inverse Universe completely reimagines the original color for something new.



56.4809, 0.3775, 0.3250



50.3511, 0.3956, 0.3242



68.7337, 0.2648, 0.2916



18.0023, 0.3286, 0.3278



11.1305, 0.6349, 0.3271



1.0889, 0.6227, 0.3204

Previews

White Background



This preview shows how the Yxy color 56.4782, 0.3775, 0.3250 looks on a white background.

Color Contrast Check

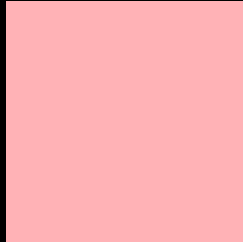
Large Text (above 18pt) WCAG AA × Fail

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 56.4782, 0.3775, 0.3250 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 56.4782, 0.3775, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 56.4782, 0.3775, 0.3250.



This preview shows how white text looks on a background with the Yxy color 56.4782, 0.3775, 0.3250.

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

56.4782, 0.3775, 0.3250

Protanopia

56.9349, 0.3204, 0.3350

Deuteranopia

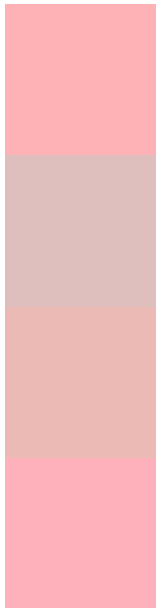
56.5644, 0.3499, 0.3417



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.4782, 0.3775, 0.3250

Protanomaly

56.4653, 0.3400, 0.3314

Deuteranomaly

56.2869, 0.3597, 0.3347

Tritanomaly

56.2921, 0.3733, 0.3187

Monochromacy



Original Color

56.4782, 0.3775, 0.3250

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4071, 0.3349, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4782, 0.3775, 0.3250 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 56.4782, 0.3775, 0.3250 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, 182) }
```

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

```
.border{ border-color:rgb(255, 178, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4782, 0.3775, 0.3250 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
178, 182) }
```

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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