

Converting Colors

$Y_{xy}(56.5852, 0.3794, 0.3279)$

Have a look what the booklet for
Yxy(56.5852, 0.3794, 0.3279)
contains.

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Color

Yxy(56.7955, 0.3790, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3B4
RGB	255, 179, 180
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.2981, 0.2940
CMYK	0.00, 0.30, 0.29, 0.00
HSL	359°, 100%, 85%
HSV	359°, 30%, 100%
XYZ	65.6065, 56.7955, 50.7022
YIQ	201.8380, 44.9750, 16.4230

Conversions

Conversions Part 2

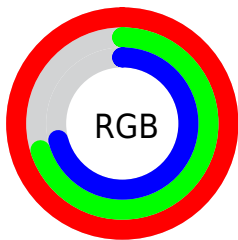
Format	Color
R _Y B	255, 179, 180
Decimal	16757684
CIE Lab	80.06, 27.81, 10.61
CIE LCh	80, 29.766, 20.880
Yxy	56.7955, 0.3790, 0.3281
Android (android.graphics.Color)	4294947764 (0xFFFFB3B4)
YUV	201.8380, -10.7661, 46.6231
Hunter-Lab	75.3628, 23.5069, 12.8651

Details

The Yxy color **56.7955, 0.3790, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2561, 0.2701, 0.3300**, and the grayscale version is **59.0028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7328, 0.3256, 0.3281**, and **28.3243, 0.3973, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **46.5670, 0.4127, 0.3278**, and if you desaturate by 10%, it is **69.0975, 0.3517, 0.3284**.

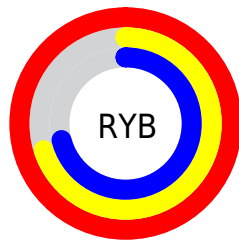
Distribution



Red (100%)

Green (70%)

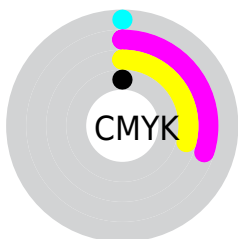
Blue (71%)



Red (100%)

Yellow (70%)

Blue (71%)

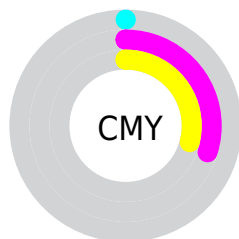


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7955, 0.3790, 0.3281 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 56.7955, 0.3790, 0.3281 by changing the saturation by 10% instead.


 56.7955, 0.3790,
0.3281

 56.7955, 0.3790,
0.3281

412.6826, 0.3466,
0.3293

 40.8411, 0.3868,
0.3276


 100.1667, 0.3674,
0.3287

 28.1949, 0.3967,
0.3269


128.3523, 0.3630,
0.3288

 18.4727, 0.4096,
0.3258


161.3838, 0.3593,
0.3290

 11.2899, 0.4270,
0.3240

199.6455, 0.3561,
0.3291

 6.2621, 0.4519,
0.3209

243.5218, 0.3533,
0.3291

 3.0051, 0.4900,
0.3146


293.3972, 0.3508,

 1.1344, 0.5659,


0.3292


0.3066


349.6560, 0.3486,
0.3292

 0.0071, 0.9897,
0.0103


 0.0000, 0.0000,
0.0000


 56.7955, 0.3790,
0.3281


 56.7955, 0.3790,
0.3281

 46.5670, 0.4127,
0.3278


 69.0975, 0.3517,
0.3284

 38.3012, 0.4531,
0.3276

 83.5821, 0.3298,
0.3287

 31.8714, 0.4992,
0.3276

100.0000, 0.3127,
0.3290

 27.1377, 0.5474,
0.3278

■ 23.9400, 0.5912,
0.3283

■ 22.0878, 0.6230,
0.3289

■ 21.2794, 0.6389,
0.3294

■ 21.2676, 0.6391,
0.3294

Harmonies

Analogous

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



56.7955, 0.3483, 0.2983



56.7955, 0.3790, 0.3281



56.7955, 0.3906, 0.3598

Triad

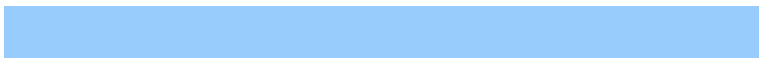
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7955, 0.3790, 0.3281



56.7955, 0.3127, 0.3908



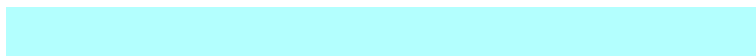
56.7955, 0.2485, 0.2706

Complementary

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



56.7955, 0.3790, 0.3281



88.2561, 0.2701, 0.3300

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.



56.7955, 0.2405, 0.2909



56.7955, 0.3790, 0.3281



56.7955, 0.2761, 0.3623

Square

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



56.7955, 0.3790, 0.3281



56.7955, 0.3508, 0.3990



56.7955, 0.2502, 0.3243



56.7955, 0.2727, 0.2660

Rectangle

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



56.7955, 0.3790, 0.3281



56.7955, 0.3857, 0.3785



56.7955, 0.2502, 0.3243



56.7955, 0.2439, 0.2756

Sweetspot

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



56.7943, 0.3790, 0.3281



84.8483, 0.3283, 0.3287



60.4782, 0.3152, 0.2544



17.6744, 0.3311, 0.3287



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.



56.7943, 0.3790, 0.3281



50.2223, 0.3991, 0.3279



73.4879, 0.3688, 0.3669



17.9911, 0.3292, 0.3287



11.1145, 0.6387, 0.3292



1.0835, 0.6354, 0.3274

Inverse Universe

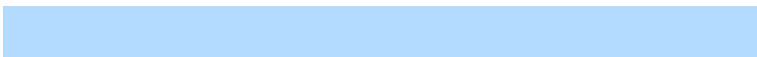
The Inverse Universe completely reimagines the original color for something new.



56.7943, 0.3790, 0.3281



50.2223, 0.3991, 0.3279



67.0826, 0.2650, 0.2877



17.9911, 0.3292, 0.3287



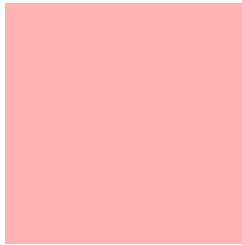
11.1145, 0.6387, 0.3292



1.0835, 0.6354, 0.3274

Previews

White Background



This preview shows how the Yxy color 56.7955, 0.3790, 0.3281 looks on a white background.

Color Contrast Check

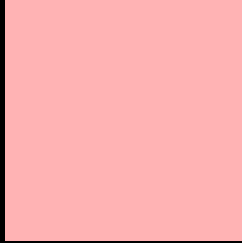
Large Text (above 18pt) WCAG AA × Fail

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 56.7955, 0.3790, 0.3281 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 56.7955, 0.3790, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 56.7955, 0.3790, 0.3281.



This preview shows how white text looks on a background with the Yxy color 56.7955, 0.3790, 0.3281.

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

56.7955, 0.3790, 0.3281

Protanopia

56.9432, 0.3234, 0.3386

Deuteranopia

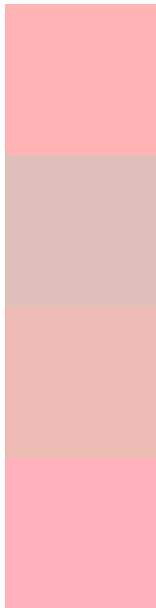
57.0824, 0.3522, 0.3451



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.7955, 0.3790, 0.3281

Protanomaly

56.4947, 0.3433, 0.3348

Deuteranomaly

56.7998, 0.3620, 0.3380

Tritanomaly

56.6886, 0.3730, 0.3198

Monochromacy



Original Color

56.7955, 0.3790, 0.3281

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8508, 0.3347, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7955, 0.3790, 0.3281 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, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 180)  
}
```

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, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.7955, 0.3790, 0.3281 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, 179, 180) }
```

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

```
.border{ border-color:rgb(255, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7955, 0.3790, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 180) }
```

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

```
.background{ background-color: rgb(255,  
179, 180) }
```

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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