

Converting Colors

Yxy(56.5649, 0.3788, 0.3310)

Have a look what the booklet for
Yxy(56.5649, 0.3788, 0.3310)
contains.

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Color

Yxy(56.7395, 0.3788, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FDB4B2
RGB	253, 180, 178
RGB Percent	99%, 71%, 70%
CMY	0.0077, 0.2942, 0.3020
CMYK	0.00, 0.29, 0.30, 0.01
HSL	2°, 95%, 85%
HSV	2°, 30%, 99%
XYZ	64.8745, 56.7395, 49.6492
YIQ	201.5990, 44.1500, 14.8540

Conversions

Conversions Part 2

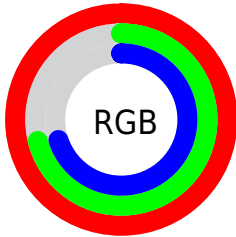
Format	Color
R _Y B	253, 180, 178
Decimal	16626866
CIE Lab	80.03, 26.30, 11.64
CIE LCh	80, 28.757, 23.867
Yxy	56.7395, 0.3788, 0.3313
Android (android.graphics.Color)	4294816946 (0xFFFDDB4B2)
YUV	201.5990, -11.6343, 45.0787
Hunter-Lab	75.3256, 21.9140, 13.6483

Details

The Yxy color **56.7395, 0.3788, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5795, 0.2695, 0.3267**, and the grayscale version is **58.8552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1914, 0.3268, 0.3310**, and **28.2615, 0.3970, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **46.7416, 0.4123, 0.3321**, and if you desaturate by 10%, it is **68.6973, 0.3516, 0.3305**.

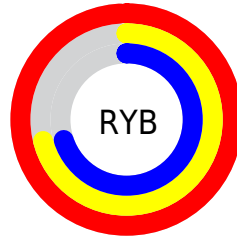
Distribution



Red (99%)

Green (71%)

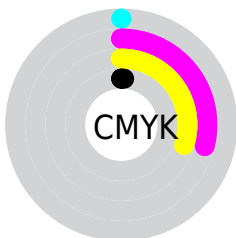
Blue (70%)



Red (99%)

Yellow (71%)

Blue (70%)

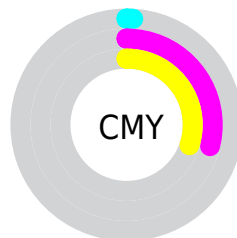


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7395, 0.3788, 0.3313 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 56.7395, 0.3788, 0.3313 by changing the saturation by 10% instead.


 56.7395, 0.3788,
0.3313

 56.7395, 0.3788,
0.3313


412.4725, 0.3465,
0.3309

 40.7961, 0.3866,
0.3312


 100.0850, 0.3673,
0.3313

 28.1598, 0.3965,
0.3309

128.2559, 0.3629,
0.3313

 18.4462, 0.4093,
0.3304


161.2714, 0.3591,
0.3313

 11.2708, 0.4267,
0.3293

199.5160, 0.3559,
0.3312

 6.2493, 0.4516,
0.3271

243.3740, 0.3531,
0.3311

 2.9972, 0.4896,
0.3222


293.2298, 0.3506,

 1.1303, 0.5697,

0.3311

0.3187


349.4678, 0.3485,
0.3310

 0.0036, 0.9944,
0.0056


 0.0000, 0.0000,
0.0000


 56.7395, 0.3788,
0.3313

 56.7395, 0.3788,
0.3313

 46.7416, 0.4123,
0.3321

 68.6973, 0.3516,
0.3305

 38.5915, 0.4524,
0.3328

 82.7030, 0.3297,
0.3297

 32.1784, 0.4981,
0.3333

 98.8491, 0.3122,
0.3290

 27.3765, 0.5460,
0.3334

 99.6295, 0.3115,
0.3290

■ 24.0426, 0.5897,
0.3330

■ 22.0088, 0.6219,
0.3319

■ 21.0558, 0.6384,
0.3310

■ 21.0355, 0.6388,
0.3310

Harmonies

Analogous

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



56.7395, 0.3507, 0.3019



56.7395, 0.3788, 0.3313



56.7395, 0.3879, 0.3618

Triad

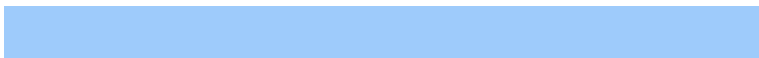
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7395, 0.3788, 0.3313



56.7395, 0.3090, 0.3866



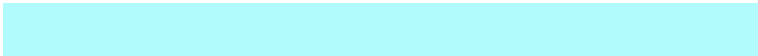
56.7395, 0.2522, 0.2713

Complementary

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



56.7395, 0.3788, 0.3313



85.5795, 0.2695, 0.3267

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.



56.7395, 0.2428, 0.2896



56.7395, 0.3788, 0.3313



56.7395, 0.2742, 0.3576

Square

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



56.7395, 0.3788, 0.3313



56.7395, 0.3462, 0.3967



56.7395, 0.2506, 0.3210



56.7395, 0.2771, 0.2683

Rectangle

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



56.7395, 0.3788, 0.3313



56.7395, 0.3818, 0.3793



56.7395, 0.2506, 0.3210



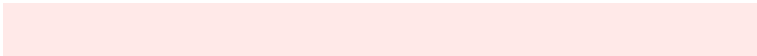
56.7395, 0.2472, 0.2758

Sweetspot

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



56.7422, 0.3788, 0.3313



85.1745, 0.3284, 0.3296



59.7434, 0.3171, 0.2561



17.7538, 0.3313, 0.3298



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.



56.7422, 0.3788, 0.3313



51.0531, 0.3993, 0.3318



73.6093, 0.3677, 0.3692



18.0643, 0.3294, 0.3297



11.2191, 0.6382, 0.3314



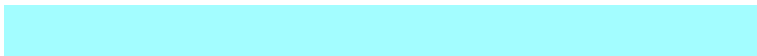
1.1184, 0.6338, 0.3349

Inverse Universe

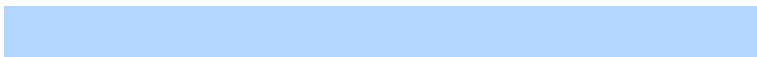
The Inverse Universe completely reimagines the original color for something new.



85.5795, 0.2695, 0.3267



85.0010, 0.2616, 0.3262



64.7863, 0.2649, 0.2850



20.3937, 0.2980, 0.3283



38.9611, 0.2224, 0.3206



3.8187, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 56.7395, 0.3788, 0.3313 looks on a white background.

Color Contrast Check

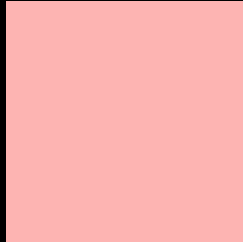
Large Text (above 18pt) WCAG AA × Fail

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 56.7395, 0.3788, 0.3313 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 56.7395, 0.3788, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 56.7395, 0.3788, 0.3313.



This preview shows how white text looks on a background with the Yxy color 56.7395, 0.3788, 0.3313.

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

56.7395, 0.3788, 0.3313

Protanopia

56.9981, 0.3257, 0.3410

Deuteranopia

57.0026, 0.3538, 0.3474



Tritanopia

56.6732, 0.3686, 0.3155

Trichromacy



Original Color

56.7395, 0.3788, 0.3313

Protanomaly

56.2519, 0.3441, 0.3372

Deuteranomaly

56.9736, 0.3626, 0.3414

Tritanomaly

56.8562, 0.3728, 0.3218

Monochromacy



Original Color

56.7395, 0.3788, 0.3313

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8060, 0.3355, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7395, 0.3788, 0.3313 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(253, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(253, 180, 178)  
}
```

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(253, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 180, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.7395, 0.3788, 0.3313 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(253, 180, 178) }
```

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

```
.border{ border-color:rgb(253, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(253, 180,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7395, 0.3788, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 180, 178) }
```

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

```
.background{ background-color: rgb(253,  
180, 178) }
```

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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