

Converting Colors

Yxy(56.9344, 0.3654, 0.3184)

Have a look what the booklet for
Yxy(56.9344, 0.3654, 0.3184)
contains.

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Color

Yxy(56.6842, 0.3655, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	FAB4BE
RGB	250, 180, 190
RGB Percent	98%, 71%, 75%
CMY	0.0195, 0.2942, 0.2548
CMYK	0.00, 0.28, 0.24, 0.02
HSL	351°, 88%, 84%
HSV	351°, 28%, 98%
XYZ	65.0489, 56.6842, 56.2393
YIQ	202.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

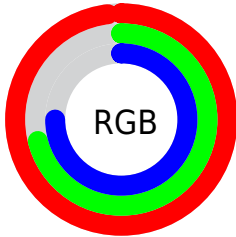
Format	Color
R _Y B	250, 180, 190
Decimal	16430270
CIE Lab	80.00, 26.83, 5.05
CIE LCh	80, 27.298, 10.664
Yxy	56.6842, 0.3655, 0.3185
Android (android.graphics.Color)	4294620350 (0xFFFA4BE)
YUV	202.0700, -5.9505, 42.0346
Hunter-Lab	75.2889, 22.4667, 8.4138

Details

The Yxy color **56.6842, 0.3655, 0.3185** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3820, 0.2769, 0.3399**, and the grayscale version is **59.1312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9047, 0.3192, 0.3193**, and **28.1914, 0.3787, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **46.6176, 0.3933, 0.3146**, and if you desaturate by 10%, it is **68.7145, 0.3429, 0.3224**.

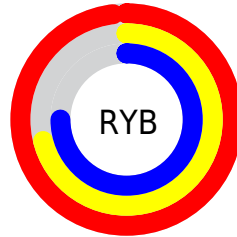
Distribution



Red (98%)

Green (71%)

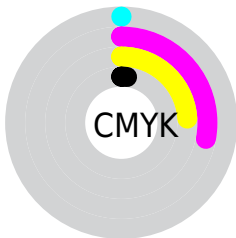
Blue (75%)



Red (98%)

Yellow (71%)

Blue (75%)

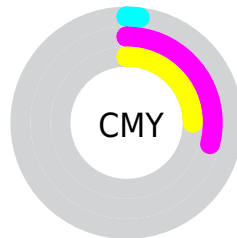


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6842, 0.3655, 0.3185 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 56.6842, 0.3655, 0.3185 by changing the saturation by 10% instead.


 56.6842, 0.3655,
0.3185

 56.6842, 0.3655,
0.3185

412.2649, 0.3398,
0.3239

 40.7518, 0.3717,
0.3171


 100.0042, 0.3563,
0.3205

 28.1252, 0.3795,
0.3153


128.1606, 0.3528,
0.3212

 18.4200, 0.3897,
0.3129


161.1605, 0.3499,
0.3219

 11.2520, 0.4036,
0.3095

199.3881, 0.3473,
0.3224

 6.2366, 0.4234,
0.3045

243.2280, 0.3451,
0.3228

 2.9895, 0.4540,
0.2961

293.0645, 0.3431,

 1.1262, 0.5074,

0.3232

0.2804


349.2820, 0.3414,
0.3236


 0.0002, 0.9997,
0.0003


 0.0000, 0.0000,
0.0000

 56.6842, 0.3655,
0.3185


 56.6842, 0.3655,
0.3185


 46.6176, 0.3933,
0.3146


 68.7145, 0.3429,
0.3224


 38.4028, 0.4270,
0.3112

 82.7966, 0.3247,
0.3262

 31.9289, 0.4663,
0.3087

 99.0233, 0.3101,
0.3297

 27.0698, 0.5097,
0.3078

 99.0692, 0.3096,
0.3290

■ 23.6825, 0.5534,
0.3094

■ 21.5986, 0.5919,
0.3137

■ 20.5907, 0.6196,
0.3200

■ 20.4553, 0.6239,
0.3211

Harmonies

Analogous

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



56.6842, 0.3335, 0.2927



56.6842, 0.3655, 0.3185



56.6842, 0.3828, 0.3479

Triad

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



56.6842, 0.3655, 0.3185



56.6842, 0.3251, 0.3903



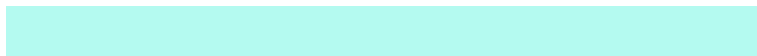
56.6842, 0.2492, 0.2801

Complementary

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



56.6842, 0.3655, 0.3185



84.3820, 0.2769, 0.3399

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.



56.6842, 0.2474, 0.3036



56.6842, 0.3655, 0.3185



56.6842, 0.2899, 0.3698

Square

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



56.6842, 0.3655, 0.3185



56.6842, 0.3583, 0.3911



56.6842, 0.2618, 0.3368



56.6842, 0.2668, 0.2707

Rectangle

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



56.6842, 0.3655, 0.3185



56.6842, 0.3831, 0.3664



56.6842, 0.2618, 0.3368



56.6842, 0.2467, 0.2865

Sweetspot

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



56.6868, 0.3655, 0.3185



86.5928, 0.3247, 0.3262



57.9847, 0.3078, 0.2573



18.0294, 0.3272, 0.3256



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.



56.6868, 0.3655, 0.3185



52.7007, 0.3816, 0.3162



67.0499, 0.3673, 0.3550



17.2657, 0.3271, 0.3256



10.8597, 0.6210, 0.3195



1.0177, 0.5932, 0.3041

Inverse Universe

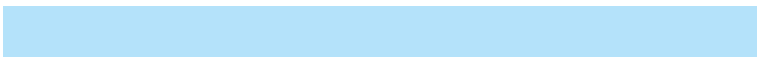
The Inverse Universe completely reimagines the original color for something new.



56.6868, 0.3655, 0.3185



52.7007, 0.3816, 0.3162



70.7356, 0.2691, 0.3014



17.2657, 0.3271, 0.3256



10.8597, 0.6210, 0.3195



1.0177, 0.5932, 0.3041

Previews

White Background



This preview shows how the Yxy color 56.6842, 0.3655, 0.3185 looks on a white background.

Color Contrast Check

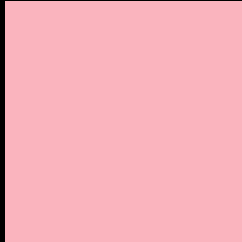
Large Text (above 18pt) WCAG AA × Fail

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 56.6842, 0.3655, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

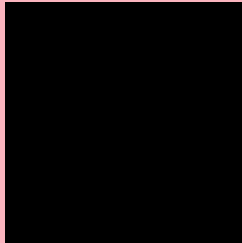
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6842, 0.3655, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 56.6842, 0.3655, 0.3185.



This preview shows how white text looks on a background with the Yxy color 56.6842, 0.3655, 0.3185.

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

56.6842, 0.3655, 0.3185

Protanopia

57.1149, 0.3144, 0.3266

Deuteranopia

56.8597, 0.3407, 0.3337



Tritanopia

56.4144, 0.3631, 0.3143

Trichromacy



Original Color

56.6842, 0.3655, 0.3185

Protanomaly

56.3072, 0.3319, 0.3233

Deuteranomaly

56.7964, 0.3491, 0.3280

Tritanomaly

56.3700, 0.3640, 0.3154

Monochromacy



Original Color

56.6842, 0.3655, 0.3185

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7209, 0.3300, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6842, 0.3655, 0.3185 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(250, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 190)  
}
```

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(250, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 190) }
```

Border

The CSS property to change the border of an element to Yxy 56.6842, 0.3655, 0.3185 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(250, 180, 190) }
```

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

```
.border{ border-color:rgb(250, 180, 190) }
```

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

Here you see how a box with a 4 pixel rgb(250, 180, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6842, 0.3655, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 190) }
```

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

```
.background{ background-color: rgb(250,  
180, 190) }
```

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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