

Converting Colors

Yxy(56.6813, 0.3694, 0.3166)

Have a look what the booklet for
Yxy(56.6813, 0.3694, 0.3166)
contains.

Yxy(56.6293, 0.3695, 0.3166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.6293, 0.3695, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FEB2BE
RGB	254, 178, 190
RGB Percent	100%, 70%, 75%
CMY	0.0038, 0.3020, 0.2550
CMYK	0.00, 0.30, 0.25, 0.00
HSL	351°, 97%, 85%
HSV	351°, 30%, 100%
XYZ	66.0914, 56.6293, 56.1464
YIQ	202.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

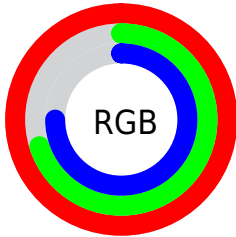
Format	Color
RYB	254, 178, 190
Decimal	16691902
CIELab	79.97, 29.30, 5.09
CIELCh	80, 29.739, 9.848
Yxy	56.6293, 0.3695, 0.3166
Android (android.graphics.Color)	4294881982 (0xFFFE2BE)
YUV	202.0920, -5.9614, 45.5233
Hunter-Lab	75.2524, 25.0780, 8.4400

Details

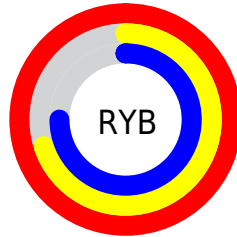
The Yxy color **56.6293, 0.3695, 0.3166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.7767, 0.2753, 0.3420**, and the grayscale version is **59.1427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7595, 0.3193, 0.3173**, and **28.2091, 0.3841, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **46.5742, 0.3979, 0.3124**, and if you desaturate by 10%, it is **68.6986, 0.3463, 0.3209**.

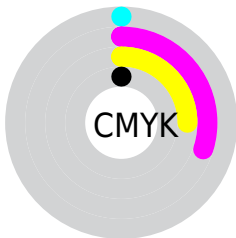
Distribution



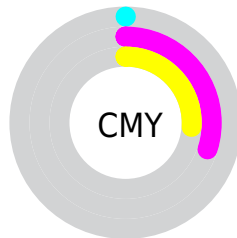
- Red (100%)
- Green (70%)
- Blue (75%)



- Red (100%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6293, 0.3695, 0.3166 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 56.6293, 0.3695, 0.3166 by changing the saturation by 10% instead.


 56.6293, 0.3695,
0.3166

 56.6293, 0.3695,
0.3166


412.0588, 0.3419,
0.3230

 40.7077, 0.3762,
0.3150


 99.9241, 0.3596,
0.3189

 28.0908, 0.3846,
0.3129


128.0661, 0.3559,
0.3198

 18.3941, 0.3956,
0.3101


161.0503, 0.3527,
0.3205

 11.2333, 0.4104,
0.3062

199.2611, 0.3499,
0.3212

 6.2240, 0.4317,
0.3003

243.0830, 0.3475,
0.3217

 2.9817, 0.4644,
0.2907

292.9003, 0.3454,

 1.1222, 0.5212,

0.3222

0.2730

349.0974, 0.3435,
0.3226

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6293, 0.3695,
0.3166

56.6293, 0.3695,
0.3166

46.5742, 0.3979,
0.3124

68.6986, 0.3463,
0.3209

38.4160, 0.4321,
0.3087

82.8753, 0.3276,
0.3251

32.0374, 0.4717,
0.3062

99.2564, 0.3126,
0.3290

27.3049, 0.5149,
0.3056

99.8152, 0.3121,
0.3290

■ 24.0657, 0.5578,
0.3077

■ 22.1387, 0.5947,
0.3127

■ 21.2334, 0.6211,
0.3195

■ 21.2284, 0.6212,
0.3196

Harmonies

Analogous

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



56.6293, 0.3342, 0.2890



56.6293, 0.3695, 0.3166



56.6293, 0.3890, 0.3483

Triad

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



56.6293, 0.3695, 0.3166



56.6293, 0.3271, 0.3964



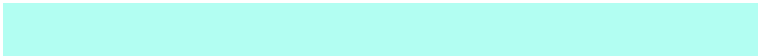
56.6293, 0.2435, 0.2763

Complementary

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



56.6293, 0.3695, 0.3166



86.7767, 0.2753, 0.3420

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.



56.6293, 0.2421, 0.3020



56.6293, 0.3695, 0.3166



56.6293, 0.2887, 0.3746

Square

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



56.6293, 0.3695, 0.3166



56.6293, 0.3631, 0.3964



56.6293, 0.2580, 0.3384



56.6293, 0.2621, 0.2658

Rectangle

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



56.6293, 0.3695, 0.3166



56.6293, 0.3897, 0.3686



56.6293, 0.2580, 0.3384



56.6293, 0.2411, 0.2832

Sweetspot

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



56.6320, 0.3695, 0.3166



85.0380, 0.3261, 0.3255



57.7603, 0.3063, 0.2520



17.7207, 0.3285, 0.3249



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.



56.6320, 0.3695, 0.3166



50.7262, 0.3861, 0.3140



67.1621, 0.3725, 0.3556



18.0337, 0.3269, 0.3253



11.2032, 0.6182, 0.3179



1.1036, 0.5908, 0.3028

Inverse Universe

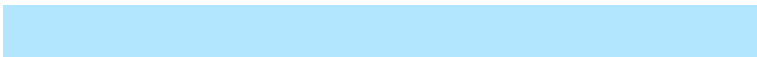
The Inverse Universe completely reimagines the original color for something new.



56.6320, 0.3695, 0.3166



50.7262, 0.3861, 0.3140



72.4846, 0.2663, 0.3007



18.0337, 0.3269, 0.3253



11.2032, 0.6182, 0.3179



1.1036, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 56.6293, 0.3695, 0.3166 looks on a white background.

Color Contrast Check

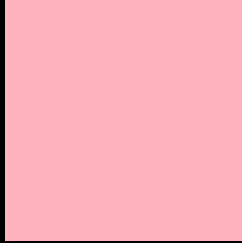
Large Text (above 18pt) WCAG AA × Fail

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 56.6293, 0.3695, 0.3166 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 56.6293, 0.3695, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 56.6293, 0.3695, 0.3166.



This preview shows how white text looks on a background with the Yxy color 56.6293, 0.3695, 0.3166.

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

56.6293, 0.3695, 0.3166

Protanopia

57.0227, 0.3129, 0.3254

Deuteranopia

56.8167, 0.3415, 0.3348



Tritanopia

56.6732, 0.3686, 0.3155

Trichromacy



Original Color

56.6293, 0.3695, 0.3166



Protanomaly

56.5085, 0.3320, 0.3222



Deuteranomaly

56.6639, 0.3518, 0.3280



Tritanomaly

56.6732, 0.3686, 0.3155

Monochromacy



Original Color

56.6293, 0.3695, 0.3166



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.5893, 0.3317, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6293, 0.3695, 0.3166 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(254, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 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(254, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 190) }
```

Border

The CSS property to change the border of an element to Yxy 56.6293, 0.3695, 0.3166 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(254, 178, 190) }
```

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

```
.border{ border-color:rgb(254, 178, 190) }
```

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

Here you see how a box with a 4 pixel rgb(254, 178, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6293, 0.3695, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 190) }
```

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

```
.background{ background-color: rgb(254,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor