

Converting Colors

Yxy(59.8696, 0.3948, 0.3162)

Have a look what the booklet for
Yxy(59.8696, 0.3948, 0.3162)
contains.

Yxy(55.1200, 0.3741, 0.3156)	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(55.1200, 0.3741, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE <code>BB</code>
RGB	<code>255, 174, 187</code>
RGB Percent	<code>100%, 68%, 73%</code>
CMY	<code>0.0001, 0.3176, 0.2668</code>
CMYK	<code>0.00, 0.32, 0.27, 0.00</code>
HSL	<code>350°, 100%, 84%</code>
HSV	<code>350°, 32%, 100%</code>
XYZ	<code>65.3371, 55.1200, 54.1943</code>
YIQ	<code>199.7010, 44.1030, 21.2150</code>

Conversions

Conversions Part 2

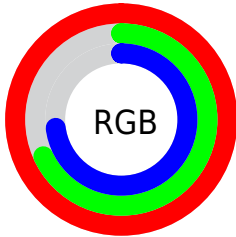
Format	Color
R _Y B	255, 174, 187
Decimal	16756411
CIE Lab	79.11, 31.32, 5.48
CIE LCh	79, 31.794, 9.932
Yxy	55.1200, 0.3741, 0.3156
Android (android.graphics.Color)	4294946491 (0xFFFFAE _B B)
YUV	199.7010, -6.2616, 48.4972
Hunter-Lab	74.2428, 27.1632, 8.6906

Details

The Yxy color **55.1200, 0.3741, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.9187, 0.2734, 0.3431**, and the grayscale version is **57.5851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3247, 0.3215, 0.3163**, and **27.2663, 0.3907, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **45.3369, 0.4035, 0.3114**, and if you desaturate by 10%, it is **66.9150, 0.3501, 0.3200**.

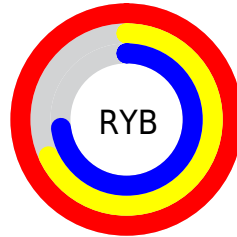
Distribution



Red (100%)

Green (68%)

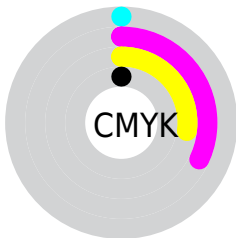
Blue (73%)



Red (100%)

Yellow (68%)

Blue (73%)

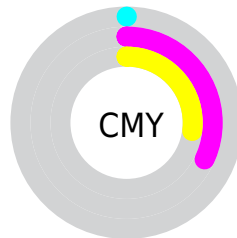


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1200, 0.3741, 0.3156 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 55.1200, 0.3741, 0.3156 by changing the saturation by 10% instead.


 55.1200, 0.3741,
0.3156

 55.1200, 0.3741,
0.3156

406.3666, 0.3441,
0.3225

 39.4978, 0.3814,
0.3138


 97.7168, 0.3634,
0.3182

 27.1472, 0.3906,
0.3115


125.4601, 0.3593,
0.3191

 17.6838, 0.4026,
0.3084


158.0126, 0.3558,
0.3199

 10.7232, 0.4190,
0.3040

195.7587, 0.3528,
0.3206

 5.8810, 0.4425,
0.2974

239.0828, 0.3502,
0.3212

 2.7729, 0.4788,
0.2865

288.3692, 0.3479,

 1.0143, 0.5444,

0.3217

0.2672

344.0023, 0.3459,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1200, 0.3741,
0.3156

55.1200, 0.3741,
0.3156

45.3369, 0.4035,
0.3114

66.9150, 0.3501,
0.3200

37.4458, 0.4386,
0.3078

80.8174, 0.3307,
0.3243

31.3260, 0.4789,
0.3055

96.9262, 0.3151,
0.3283

26.8398, 0.5223,
0.3053

99.9957, 0.3127,
0.3290

■ 23.8290, 0.5645,
0.3080

■ 22.1035, 0.5998,
0.3136

■ 21.4144, 0.6207,
0.3193

Harmonies

Analogous

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



55.1200, 0.3359, 0.2862



55.1200, 0.3741, 0.3156



55.1200, 0.3951, 0.3495

Triad

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



55.1200, 0.3741, 0.3156



55.1200, 0.3279, 0.4020



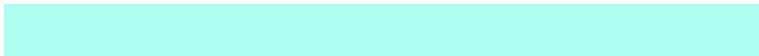
55.1200, 0.2385, 0.2721

Complementary

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



55.1200, 0.3741, 0.3156



86.9187, 0.2734, 0.3431

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.



55.1200, 0.2368, 0.2995



55.1200, 0.3741, 0.3156



55.1200, 0.2866, 0.3783

Square

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



55.1200, 0.3741, 0.3156



55.1200, 0.3667, 0.4017



55.1200, 0.2538, 0.3389



55.1200, 0.2584, 0.2612

Rectangle

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



55.1200, 0.3741, 0.3156



55.1200, 0.3957, 0.3713



55.1200, 0.2538, 0.3389



55.1200, 0.2359, 0.2795

Sweetspot

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



55.1226, 0.3741, 0.3156



83.4921, 0.3277, 0.3250



56.2848, 0.3058, 0.2472



17.4128, 0.3301, 0.3244



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.



55.1226, 0.3741, 0.3156



48.7885, 0.3918, 0.3129



66.0887, 0.3771, 0.3573



18.0345, 0.3269, 0.3252



11.2056, 0.6177, 0.3176



1.1040, 0.5901, 0.3024

Inverse Universe

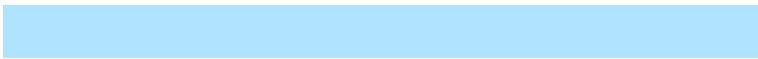
The Inverse Universe completely reimagines the original color for something new.



55.1226, 0.3741, 0.3156



48.7885, 0.3918, 0.3129



71.7019, 0.2635, 0.2987



18.0345, 0.3269, 0.3252



11.2056, 0.6177, 0.3176



1.1040, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 55.1200, 0.3741, 0.3156 looks on a white background.

Color Contrast Check

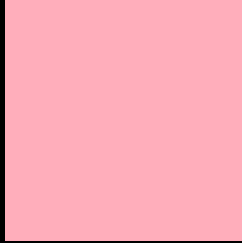
Large Text (above 18pt) WCAG AA × Fail

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 55.1200, 0.3741, 0.3156 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 55.1200, 0.3741, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 55.1200, 0.3741, 0.3156.



This preview shows how white text looks on a background with the Yxy color 55.1200, 0.3741, 0.3156.

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

55.1200, 0.3741, 0.3156

Protanopia

55.2958, 0.3129, 0.3242

Deuteranopia

55.5032, 0.3426, 0.3361



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.1200, 0.3741, 0.3156



Protanomaly

54.5408, 0.3333, 0.3198



Deuteranomaly

55.1074, 0.3542, 0.3280



Tritanomaly

55.1200, 0.3741, 0.3156

Monochromacy



Original Color

55.1200, 0.3741, 0.3156



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.4174, 0.3335, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1200, 0.3741, 0.3156 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, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 187)  
}
```

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, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.1200, 0.3741, 0.3156 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, 174, 187) }
```

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

```
.border{ border-color:rgb(255, 174, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1200, 0.3741, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 187) }
```

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

```
.background{ background-color: rgb(255,  
174, 187) }
```

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