

Converting Colors

$Y_{xy}(55.1943, 0.3594, 0.3193)$

Have a look what the booklet for
Yxy(55.1943, 0.3594, 0.3193)
contains.

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Color

Yxy(55.1939, 0.3594, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F2B4BD
RGB	242, 180, 189
RGB Percent	95%, 71%, 74%
CMY	0.0510, 0.2941, 0.2587
CMYK	0.00, 0.26, 0.22, 0.05
HSL	351°, 70%, 83%
HSV	351°, 26%, 95%
XYZ	62.1255, 55.1939, 55.5396
YIQ	199.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

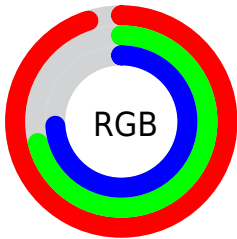
Format	Color
R _Y B	242, 180, 189
Decimal	15905981
CIE Lab	79.15, 23.78, 4.26
CIE LCh	79, 24.161, 10.147
Yxy	55.1939, 0.3594, 0.3193
Android (android.graphics.Color)	4294096061 (0xFFFF2B4BD)
YUV	199.5640, -5.2081, 37.2164
Hunter-Lab	74.2926, 19.2546, 7.6808

Details

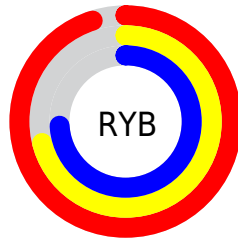
The Yxy color **55.1939, 0.3594, 0.3193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0866, 0.2799, 0.3391**, and the grayscale version is **57.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8435, 0.3198, 0.3203**, and **27.2706, 0.3718, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **45.4285, 0.3858, 0.3153**, and if you desaturate by 10%, it is **66.7980, 0.3380, 0.3233**.

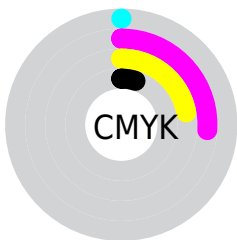
Distribution



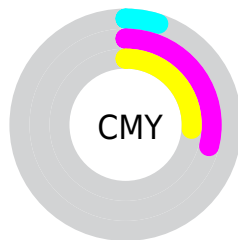
- Red (95%)
- Green (71%)
- Blue (74%)



- Red (95%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1939, 0.3594, 0.3193 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 55.1939, 0.3594, 0.3193 by changing the saturation by 10% instead.


 55.1939, 0.3594,
0.3193

 55.1939, 0.3594,
0.3193


406.6465, 0.3366,
0.3243

 39.5570, 0.3649,
0.3180

 97.8250, 0.3512,
0.3211

 27.1933, 0.3719,
0.3164

125.5880, 0.3481,
0.3218

 17.7185, 0.3811,
0.3142


158.1617, 0.3455,
0.3224

 10.7480, 0.3936,
0.3111

195.9307, 0.3432,
0.3229

 5.8977, 0.4116,
0.3065

239.2793, 0.3412,
0.3233

 2.7830, 0.4398,
0.2988

288.5918, 0.3395,

 1.0195, 0.4905,

0.3237

0.2846

344.2528, 0.3380,
0.3240

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1939, 0.3594,
0.3193

55.1939, 0.3594,
0.3193

45.4285, 0.3858,
0.3153

66.7980, 0.3380,
0.3233

37.4002, 0.4178,
0.3117

80.3206, 0.3208,
0.3270

31.0091, 0.4556,
0.3088

95.8458, 0.3070,
0.3305

26.1420, 0.4980,
0.3075

97.6163, 0.3047,
0.3290

■ 22.6713, 0.5420,
0.3084

■ 20.4485, 0.5823,
0.3120

■ 19.2909, 0.6131,
0.3180

■ 18.9990, 0.6232,
0.3207

Harmonies

Analogous

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



55.1939, 0.3308, 0.2960



55.1939, 0.3594, 0.3193



55.1939, 0.3751, 0.3458

Triad

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



55.1939, 0.3594, 0.3193



55.1939, 0.3246, 0.3836



55.1939, 0.2555, 0.2856

Complementary

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



55.1939, 0.3594, 0.3193



79.0866, 0.2799, 0.3391

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.



55.1939, 0.2541, 0.3070



55.1939, 0.3594, 0.3193



55.1939, 0.2929, 0.3657

Square

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



55.1939, 0.3594, 0.3193



55.1939, 0.3541, 0.3843



55.1939, 0.2675, 0.3367



55.1939, 0.2712, 0.2766

Rectangle

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



55.1939, 0.3594, 0.3193



55.1939, 0.3757, 0.3624



55.1939, 0.2675, 0.3367



55.1939, 0.2534, 0.2915

Sweetspot

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



55.1965, 0.3594, 0.3193



86.5957, 0.3246, 0.3261



56.3278, 0.3083, 0.2637



18.0301, 0.3271, 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.



55.1965, 0.3594, 0.3193



55.8986, 0.3732, 0.3171



64.2730, 0.3615, 0.3526



15.7963, 0.3270, 0.3256



10.2189, 0.6202, 0.3190



0.8615, 0.5889, 0.3018

Inverse Universe

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



55.1965, 0.3594, 0.3193



55.8986, 0.3732, 0.3171



67.4577, 0.2729, 0.3041



15.7963, 0.3270, 0.3256



10.2189, 0.6202, 0.3190



0.8615, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 55.1939, 0.3594, 0.3193 looks on a white background.

Color Contrast Check

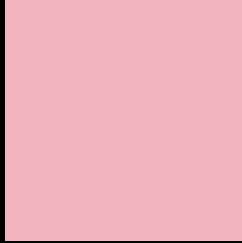
Large Text (above 18pt) WCAG AA × Fail

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 55.1939, 0.3594, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

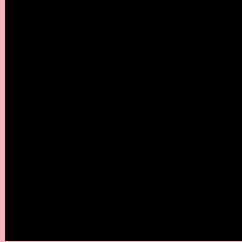
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1939, 0.3594, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 55.1939, 0.3594, 0.3193.



This preview shows how white text looks on a background with the Yxy color 55.1939, 0.3594, 0.3193.

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

55.1939, 0.3594, 0.3193

Protanopia

55.2495, 0.3137, 0.3254

Deuteranopia

55.4748, 0.3393, 0.3326



Tritanopia

54.9677, 0.3561, 0.3139

Trichromacy



Original Color

55.1939, 0.3594, 0.3193

Protanomaly

55.2141, 0.3295, 0.3232

Deuteranomaly

55.0795, 0.3460, 0.3268

Tritanomaly

54.9232, 0.3570, 0.3150

Monochromacy



Original Color

55.1939, 0.3594, 0.3193

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5725, 0.3284, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1939, 0.3594, 0.3193 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(242, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 189)  
}
```

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(242, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 189) }
```

Border

The CSS property to change the border of an element to Yxy 55.1939, 0.3594, 0.3193 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(242, 180, 189) }
```

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

```
.border{ border-color:rgb(242, 180, 189) }
```

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

Here you see how a box with a 4 pixel rgb(242, 180, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1939, 0.3594, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 189) }
```

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

```
.background{ background-color: rgb(242,  
180, 189) }
```

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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