

Converting Colors

$Yxy(55.9295, 0.3651, 0.3281)$

Have a look what the booklet for
Yxy(55.9295, 0.3651, 0.3281)
contains.

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Color

Yxy(55.9295, 0.3651, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	F3B6B7
RGB	243, 182, 183
RGB Percent	95%, 71%, 72%
CMY	0.0470, 0.2863, 0.2825
CMYK	0.00, 0.25, 0.25, 0.05
HSL	359°, 72%, 83%
HSV	359°, 25%, 95%
XYZ	62.2367, 55.9295, 52.2986
YIQ	200.3530, 36.0350, 13.2430

Conversions

Conversions Part 2

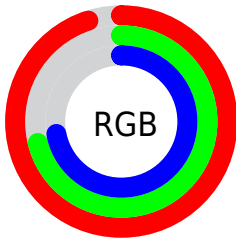
Format	Color
R _Y B	243, 182, 183
Decimal	15972023
CIE Lab	79.57, 22.23, 8.15
CIE LCh	80, 23.675, 20.143
Yxy	55.9295, 0.3651, 0.3281
Android (android.graphics.Color)	4294162103 (0xFFFF3B6B7)
YUV	200.3530, -8.5550, 37.4014
Hunter-Lab	74.7860, 17.6716, 10.8881

Details

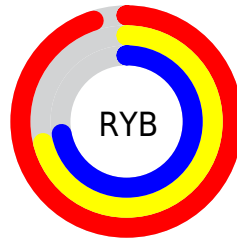
The Yxy color **55.9295, 0.3651, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4649, 0.2763, 0.3300**, and the grayscale version is **58.0257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6411, 0.3234, 0.3281**, and **27.7513, 0.3795, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **45.9144, 0.3955, 0.3278**, and if you desaturate by 10%, it is **67.8460, 0.3406, 0.3285**.

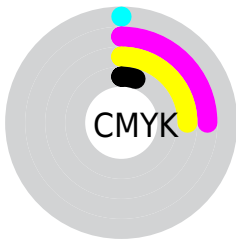
Distribution



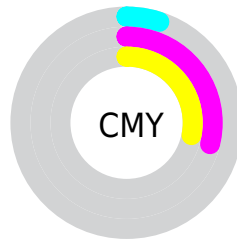
- Red (95%)
- Green (71%)
- Blue (72%)



- Red (95%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9295, 0.3651, 0.3281 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 55.9295, 0.3651, 0.3281 by changing the saturation by 10% instead.

 55.9295, 0.3651,
0.3281

 55.9295, 0.3651,
0.3281

409.4258, 0.3395,
0.3290

 40.1464, 0.3713,
0.3278


 98.9015, 0.3559,
0.3285

 27.6527, 0.3792,
0.3273


126.8592, 0.3524,
0.3286

 18.0640, 0.3895,
0.3265


159.6438, 0.3495,
0.3287

 10.9960, 0.4035,
0.3253


197.6399, 0.3469,
0.3288

 6.0641, 0.4236,
0.3231

241.2317, 0.3447,
0.3289

 2.8841, 0.4549,
0.3188

290.8037, 0.3428,

 1.0715, 0.5163,

0.3289

0.3131

346.7402, 0.3410,
0.3290

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9295, 0.3651,
0.3281

55.9295, 0.3651,
0.3281

45.9144, 0.3955,
0.3278

67.8460, 0.3406,
0.3285

37.6953, 0.4325,
0.3275

81.7468, 0.3211,
0.3288

31.1681, 0.4760,
0.3273

97.7195, 0.3055,
0.3292

26.2152, 0.5236,
0.3274

97.7960, 0.3054,
0.3290

■ 22.7039, 0.5704,
0.3277

■ 20.4797, 0.6089,
0.3284

■ 19.3527, 0.6325,
0.3292

■ 19.0645, 0.6389,
0.3293

Harmonies

Analogous

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



55.9295, 0.3406, 0.3037



55.9295, 0.3651, 0.3281



55.9295, 0.3748, 0.3538

Triad

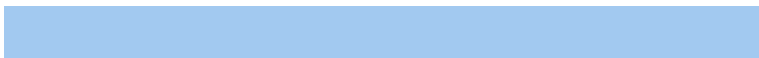
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9295, 0.3651, 0.3281



55.9295, 0.3138, 0.3781



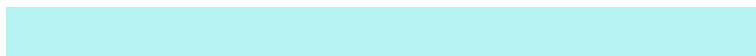
55.9295, 0.2605, 0.2823

Complementary

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



55.9295, 0.3651, 0.3281



80.4649, 0.2763, 0.3300

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.



55.9295, 0.2543, 0.2994



55.9295, 0.3651, 0.3281



55.9295, 0.2841, 0.3561

Square

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



55.9295, 0.3651, 0.3281



55.9295, 0.3443, 0.3846



55.9295, 0.2627, 0.3264



55.9295, 0.2800, 0.2778

Rectangle

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



55.9295, 0.3651, 0.3281



55.9295, 0.3715, 0.3688



55.9295, 0.2627, 0.3264



55.9295, 0.2568, 0.2867

Sweetspot

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



55.9321, 0.3651, 0.3281



86.4416, 0.3264, 0.3287



58.8055, 0.3148, 0.2663



17.9917, 0.3292, 0.3287



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.



55.9321, 0.3651, 0.3281



56.5836, 0.3794, 0.3279



69.2661, 0.3583, 0.3606



16.4868, 0.3291, 0.3287



10.4644, 0.6384, 0.3291



0.9212, 0.6342, 0.3267

Inverse Universe

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



55.9321, 0.3651, 0.3281



56.5836, 0.3794, 0.3279



64.2696, 0.2728, 0.2952



16.4868, 0.3291, 0.3287



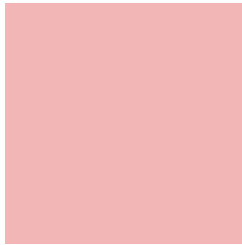
10.4644, 0.6384, 0.3291



0.9212, 0.6342, 0.3267

Previews

White Background



This preview shows how the Yxy color 55.9295, 0.3651, 0.3281 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 55.9295, 0.3651, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

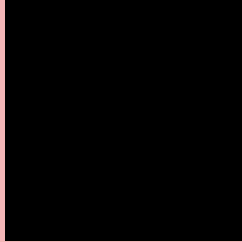
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9295, 0.3651, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 55.9295, 0.3651, 0.3281.



This preview shows how white text looks on a background with the Yxy color 55.9295, 0.3651, 0.3281.

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

55.9295, 0.3651, 0.3281

Protanopia

56.3906, 0.3220, 0.3362

Deuteranopia

56.2858, 0.3474, 0.3406



Tritanopia

55.7707, 0.3568, 0.3140

Trichromacy



Original Color

55.9295, 0.3651, 0.3281

Protanomaly

56.2355, 0.3373, 0.3337

Deuteranomaly

56.1668, 0.3532, 0.3359

Tritanomaly

55.9985, 0.3601, 0.3194

Monochromacy



Original Color

55.9295, 0.3651, 0.3281

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6339, 0.3307, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9295, 0.3651, 0.3281 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(243, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 183)  
}
```

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(243, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.9295, 0.3651, 0.3281 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(243, 182, 183) }
```

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

```
.border{ border-color:rgb(243, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9295, 0.3651, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 183) }
```

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

```
.background{ background-color: rgb(243,  
182, 183) }
```

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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