

Converting Colors

$Y_{xy}(25.9845, 0.4054, 0.3142)$

Have a look what the booklet for
Yxy(25.9845, 0.4054, 0.3142)
contains.

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Color

Yxy(25.9359, 0.4049, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C7737F
RGB	199, 115, 127
RGB Percent	78%, 45%, 50%
CMY	0.2197, 0.5489, 0.5020
CMYK	0.00, 0.42, 0.36, 0.22
HSL	351°, 43%, 62%
HSV	351°, 42%, 78%
XYZ	33.5081, 25.9359, 23.3125
YIQ	141.4840, 46.2120, 21.5400

Conversions

Conversions Part 2

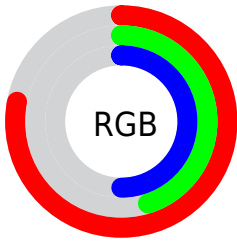
Format	Color
R_{YB}	199, 115, 127
Decimal	13071231
CIE _{Lab}	57.98, 34.35, 7.90
CIE _{LCh}	58, 35.249, 12.946
Yxy	25.9359, 0.4049, 0.3134
Android (android.graphics.Color)	4291261311 (0xFFC7737F)
YUV	141.4840, -7.1406, 50.4415
Hunter-Lab	50.9273, 28.3231, 8.5085

Details

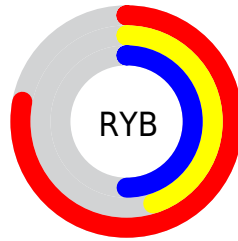
The Yxy color **25.9359, 0.4049, 0.3134** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.0687, 0.2625, 0.3460**, and the grayscale version is **26.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5606, 0.3824, 0.3166**, and **10.0814, 0.4384, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **21.4697, 0.4402, 0.3103**, and if you desaturate by 10%, it is **31.4594, 0.3753, 0.3171**.

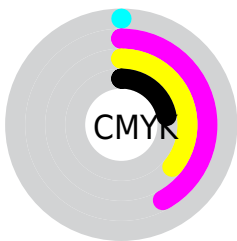
Distribution



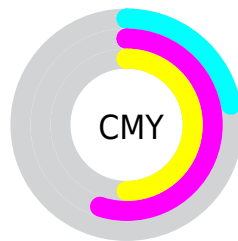
- Red (78%)
- Green (45%)
- Blue (50%)



- Red (78%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (22%)





- Cyan (22%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9359, 0.4049, 0.3134 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 25.9359, 0.4049, 0.3134 by changing the saturation by 10% instead.

 25.9359, 0.4049,
0.3134


 25.9359, 0.4049,
0.3134


282.4673, 0.3540,
0.3230


 16.7757, 0.4194,
0.3103


 53.1715, 0.3851,
0.3174

 10.0747, 0.4392,
0.3057


 72.0157, 0.3781,
0.3187

 5.4485, 0.4677,
0.2986


 94.8567, 0.3723,
0.3198

 2.5127, 0.5119,
0.2862

122.0789, 0.3674,
0.3207

 0.8830, 0.6057,
0.2694

154.0666, 0.3633,
0.3214

 0.0000, 1.0000,
0.0000

191.2043, 0.3598,

 0.0000, 0.0000,

0.3220

0.0000

233.8764, 0.3567,
0.3225

■ 25.9359, 0.4049,
0.3134

■ 25.9359, 0.4049,
0.3134

■ 21.4697, 0.4402,
0.3103

■ 31.4594, 0.3753,
0.3171

■ 17.9895, 0.4806,
0.3083

■ 38.0978, 0.3511,
0.3210

■ 15.4213, 0.5241,
0.3082


■ 45.9090, 0.3315,
0.3247


■ 13.6791, 0.5662,
0.3105

■ 54.9461, 0.3157,
0.3283

■ 12.6601, 0.6015,
0.3155

■ 65.2586, 0.3030,
0.3315

 12.2237, 0.6218,
0.3199

 76.8935, 0.2927,
0.3345

 89.8953, 0.2843,
0.3372

 90.8782, 0.2800,
0.3289

Harmonies

Analogous

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



25.9359, 0.3510, 0.2732



25.9359, 0.4049, 0.3134



25.9359, 0.4314, 0.3594

Triad

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



25.9359, 0.4049, 0.3134



25.9359, 0.3261, 0.4340



25.9359, 0.2120, 0.2462

Complementary

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



25.9359, 0.4049, 0.3134



48.0687, 0.2625, 0.3460

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.



25.9359, 0.2070, 0.2805



25.9359, 0.4049, 0.3134



25.9359, 0.2693, 0.3961

Square

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



25.9359, 0.4049, 0.3134



25.9359, 0.3823, 0.4336



25.9359, 0.2266, 0.3357



25.9359, 0.2407, 0.2353

Rectangle

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



25.9359, 0.4049, 0.3134



25.9359, 0.4289, 0.3895



25.9359, 0.2266, 0.3357



25.9359, 0.2076, 0.2550

Sweetspot

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



25.9372, 0.4049, 0.3134



78.9454, 0.3333, 0.3243



26.8760, 0.3042, 0.2223



16.2127, 0.3374, 0.3235



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.



25.9372, 0.4049, 0.3134



37.9122, 0.4385, 0.3104



33.4464, 0.4036, 0.3681



10.6611, 0.3268, 0.3257



7.8705, 0.6193, 0.3185



0.3808, 0.5704, 0.2916

Inverse Universe

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



25.9372, 0.4049, 0.3134



37.9122, 0.4385, 0.3104



36.3647, 0.2486, 0.2854



10.6611, 0.3268, 0.3257



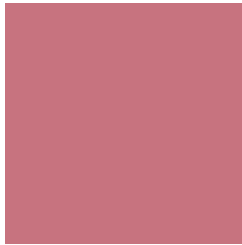
7.8705, 0.6193, 0.3185



0.3808, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 25.9359, 0.4049, 0.3134 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9359, 0.4049, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

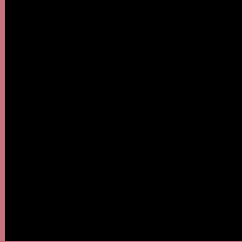
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9359, 0.4049, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 25.9359, 0.4049, 0.3134.



This preview shows how white text looks on a background with the Yxy color 25.9359, 0.4049, 0.3134.

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

25.9359, 0.4049, 0.3134

Protanopia

26.1095, 0.3150, 0.3274

Deuteranopia

26.1541, 0.3525, 0.3466



Tritanopia

26.0881, 0.4084, 0.3187

Trichromacy



Original Color

25.9359, 0.4049, 0.3134

Protanomaly

25.5011, 0.3460, 0.3213

Deuteranomaly

25.9177, 0.3718, 0.3337

Tritanomaly

26.1136, 0.4071, 0.3173

Monochromacy



Original Color

25.9359, 0.4049, 0.3134

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9615, 0.3432, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9359, 0.4049, 0.3134 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(199, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(199, 115, 127)  
}
```

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(199, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 115, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.9359, 0.4049, 0.3134 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(199, 115, 127) }
```

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

```
.border{ border-color:rgb(199, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(199, 115,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9359, 0.4049, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 115, 127) }
```

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

```
.background{ background-color: rgb(199,  
115, 127) }
```

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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