

Converting Colors

$Y_{xy}(25.5618, 0.4079, 0.3186)$

Have a look what the booklet for
Yxy(25.5618, 0.4079, 0.3186)
contains.

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Color

Yxy(25.5618, 0.4079, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	C5737B
RGB	197, 115, 123
RGB Percent	77%, 45%, 48%
CMY	0.2275, 0.5489, 0.5177
CMYK	0.00, 0.42, 0.38, 0.23
HSL	354°, 41%, 61%
HSV	354°, 42%, 77%
XYZ	32.7265, 25.5618, 21.9434
YIQ	140.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

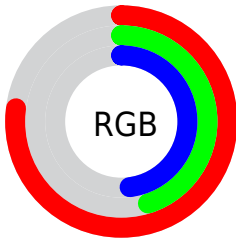
Format	Color
R_{YB}	197, 115, 123
Decimal	12940155
CIE _{Lab}	57.62, 33.13, 9.67
CIE _{LCh}	58, 34.509, 16.274
Yxy	25.5618, 0.4079, 0.3186
Android (android.graphics.Color)	4291130235 (0xFFC5737B)
YUV	140.4300, -8.5930, 49.6119
Hunter-Lab	50.5587, 27.0648, 9.6582

Details

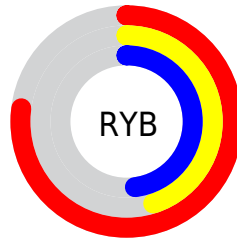
The Yxy color **25.5618, 0.4079, 0.3186** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.2425, 0.2609, 0.3403**, and the grayscale version is **26.4232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3604, 0.3871, 0.3219**, and **9.9377, 0.4451, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **21.1340, 0.4448, 0.3165**, and if you desaturate by 10%, it is **31.0328, 0.3770, 0.3211**.

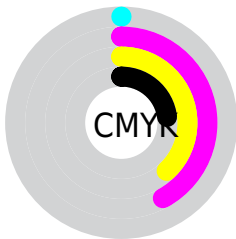
Distribution



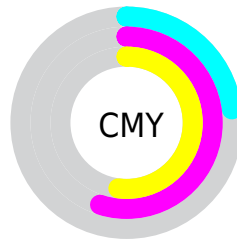
- Red (77%)
- Green (45%)
- Blue (48%)



- Red (77%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (38%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5618, 0.4079, 0.3186 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 25.5618, 0.4079, 0.3186 by changing the saturation by 10% instead.


 25.5618, 0.4079,
0.3186


 25.5618, 0.4079,
0.3186


280.6243, 0.3551,
0.3256


 16.4961, 0.4230,
0.3161


 52.5672, 0.3874,
0.3217

 9.8759, 0.4436,
0.3123


 71.2756, 0.3801,
0.3226

 5.3167, 0.4734,
0.3061

 93.9672, 0.3741,
0.3234

 2.4343, 0.5196,
0.2948

121.0261, 0.3691,
0.3240

 0.8434, 0.6324,
0.2856

152.8369, 0.3648,
0.3245

 0.0000, 1.0000,
0.0000

189.7840, 0.3611,

 0.0000, 0.0000,

0.3249

0.0000

232.2516, 0.3579,
0.3253

■ 25.5618, 0.4079,
0.3186

■ 25.5618, 0.4079,
0.3186

■ 21.1340, 0.4448,
0.3165

■ 31.0328, 0.3770,
0.3211

■ 17.6796, 0.4871,
0.3153

■ 37.6036, 0.3518,
0.3237

■ 15.1261, 0.5322,
0.3154


■ 45.3311, 0.3314,
0.3262

■ 13.3895, 0.5752,
0.3173


■ 54.2672, 0.3150,
0.3286

■ 12.3696, 0.6098,
0.3210

■ 64.4606, 0.3019,
0.3308

 11.9146, 0.6295,
0.3242

 75.9575, 0.2912,
0.3329

 88.8015, 0.2826,
0.3347

 90.6071, 0.2789,
0.3289

Harmonies

Analogous

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



25.5618, 0.3570, 0.2779



25.5618, 0.4079, 0.3186



25.5618, 0.4302, 0.3641

Triad

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



25.5618, 0.4079, 0.3186



25.5618, 0.3196, 0.4298



25.5618, 0.2155, 0.2452

Complementary

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



25.5618, 0.4079, 0.3186



47.2425, 0.2609, 0.3403

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.



25.5618, 0.2079, 0.2765



25.5618, 0.4079, 0.3186



25.5618, 0.2644, 0.3889

Square

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



25.5618, 0.4079, 0.3186



25.5618, 0.3757, 0.4337



25.5618, 0.2246, 0.3290



25.5618, 0.2463, 0.2368

Rectangle

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



25.5618, 0.4079, 0.3186



25.5618, 0.4251, 0.3934



25.5618, 0.2246, 0.3290



25.5618, 0.2103, 0.2530

Sweetspot

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



25.5631, 0.4079, 0.3186



80.3533, 0.3325, 0.3261



27.0871, 0.3087, 0.2251



16.7832, 0.3349, 0.3258



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.



25.5631, 0.4079, 0.3186



38.4585, 0.4415, 0.3167



34.2234, 0.3995, 0.3728



10.6534, 0.3274, 0.3268



7.8447, 0.6276, 0.3231



0.3773, 0.5903, 0.3025

Inverse Universe

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



25.5631, 0.4079, 0.3186



38.4585, 0.4415, 0.3167



34.2968, 0.2485, 0.2798



10.6534, 0.3274, 0.3268



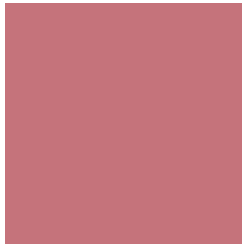
7.8447, 0.6276, 0.3231



0.3773, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 25.5618, 0.4079, 0.3186 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 25.5618, 0.4079, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

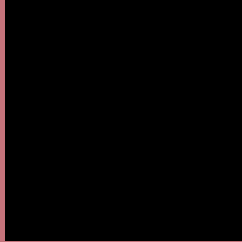
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5618, 0.4079, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 25.5618, 0.4079, 0.3186.



This preview shows how white text looks on a background with the Yxy color 25.5618, 0.4079, 0.3186.

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

25.5618, 0.4079, 0.3186

Protanopia

25.6770, 0.3202, 0.3340

Deuteranopia

25.7772, 0.3574, 0.3514



Tritanopia

25.5618, 0.4079, 0.3186

Trichromacy



Original Color

25.5618, 0.4079, 0.3186

Protanomaly

25.2853, 0.3495, 0.3275

Deuteranomaly

25.4435, 0.3758, 0.3382

Tritanomaly

25.5618, 0.4079, 0.3186

Monochromacy



Original Color

25.5618, 0.4079, 0.3186

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5309, 0.3446, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5618, 0.4079, 0.3186 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(197, 115, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 115, 123)  
}
```

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(197, 115, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 115, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.5618, 0.4079, 0.3186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

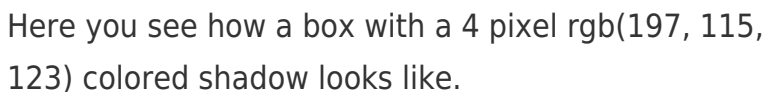
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 115, 123) }
```

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

```
.border{ border-color:rgb(197, 115, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 115, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 115, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 115, 123); box-shadow:4px 4px 4px 4px rgb(197, 115, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5618, 0.4079, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 115, 123) }
```

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

```
.background{ background-color: rgb(197,  
115, 123) }
```

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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