

Converting Colors

$Y_{xy}(25.5382, 0.4237, 0.3190)$

Have a look what the booklet for
Yxy(25.5382, 0.4237, 0.3190)
contains.

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Color

Yxy(25.5382, 0.4237, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	CC6F77
RGB	204, 111, 119
RGB Percent	80%, 44%, 47%
CMY	0.1999, 0.5647, 0.5333
CMYK	0.00, 0.46, 0.42, 0.20
HSL	355°, 48%, 62%
HSV	355°, 46%, 80%
XYZ	33.9202, 25.5382, 20.5987
YIQ	139.7190, 52.8600, 22.2040

Conversions

Conversions Part 2

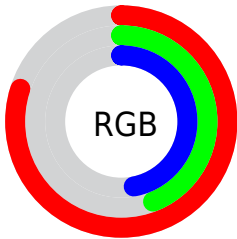
Format	Color
RYB	204, 111, 119
Decimal	13397879
CIELab	57.60, 37.43, 12.08
CIELCh	58, 39.334, 17.881
Yxy	25.5382, 0.4237, 0.3190
Android (android.graphics.Color)	4291587959 (0xFFCC6F77)
YUV	139.7190, -10.2145, 56.3744
Hunter-Lab	50.5353, 31.3754, 11.2076

Details

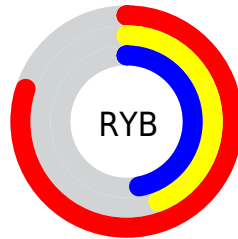
The Yxy color **25.5382, 0.4237, 0.3190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.5581, 0.2564, 0.3401**, and the grayscale version is **26.1364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7512, 0.3924, 0.3219**, and **9.8897, 0.4655, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **21.1797, 0.4636, 0.3174**, and if you desaturate by 10%, it is **31.0038, 0.3898, 0.3211**.

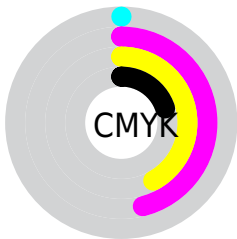
Distribution



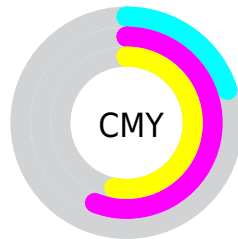
- Red (80%)
- Green (44%)
- Blue (47%)



- Red (80%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5382, 0.4237, 0.3190 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 25.5382, 0.4237, 0.3190 by changing the saturation by 10% instead.


 25.5382, 0.4237,
0.3190


 25.5382, 0.4237,
0.3190


280.5077, 0.3622,
0.3263


 16.4785, 0.4412,
0.3162


 52.5290, 0.3998,
0.3223


 9.8634, 0.4651,
0.3118


 71.2289, 0.3913,
0.3233

 5.3085, 0.4993,
0.3046

 93.9109, 0.3843,
0.3241

 2.4294, 0.5516,
0.2912

 120.9596, 0.3784,
0.3248

 0.8409, 0.6919,
0.2841

152.7592, 0.3734,
0.3253

 0.0000, 1.0000,
0.0000

189.6941, 0.3692,

 0.0000, 0.0000,

0.3257

0.0000

232.1488, 0.3654,
0.3260

■ 25.5382, 0.4237,
0.3190

■ 25.5382, 0.4237,
0.3190

■ 21.1797, 0.4636,
0.3174

■ 31.0038, 0.3898,
0.3211

■ 17.8490, 0.5080,
0.3168

■ 37.6408, 0.3619,
0.3234

■ 15.4628, 0.5534,
0.3176


■ 45.5134, 0.3394,
0.3257


■ 13.9228, 0.5936,
0.3201


■ 54.6796, 0.3212,
0.3278

■ 13.1085, 0.6225,
0.3239

■ 65.1942, 0.3067,
0.3299

 12.8821, 0.6313,
0.3252

 77.1086, 0.2950,
0.3317

 90.4715, 0.2855,
0.3334

 91.5797, 0.2827,
0.3289

Harmonies

Analogous

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



25.5382, 0.3665, 0.2736



25.5382, 0.4237, 0.3190



25.5382, 0.4465, 0.3697

Triad

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



25.5382, 0.4237, 0.3190



25.5382, 0.3159, 0.4439



25.5382, 0.2048, 0.2332

Complementary

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



25.5382, 0.4237, 0.3190



50.5581, 0.2564, 0.3401

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.



25.5382, 0.1949, 0.2661



25.5382, 0.4237, 0.3190



25.5382, 0.2545, 0.3945

Square

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



25.5382, 0.4237, 0.3190



25.5382, 0.3798, 0.4489



25.5382, 0.2116, 0.3244



25.5382, 0.2401, 0.2258

Rectangle

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



25.5382, 0.4237, 0.3190



25.5382, 0.4387, 0.4025



25.5382, 0.2116, 0.3244



25.5382, 0.1986, 0.2412

Sweetspot

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



25.5395, 0.4237, 0.3190



77.3739, 0.3366, 0.3260



27.2920, 0.3080, 0.2155



15.8988, 0.3409, 0.3255



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.



25.5395, 0.4237, 0.3190



34.9927, 0.4641, 0.3174



35.2308, 0.4109, 0.3770



11.2291, 0.3277, 0.3270



8.1125, 0.6295, 0.3241



0.4241, 0.5974, 0.3065

Inverse Universe

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



25.5395, 0.4237, 0.3190



34.9927, 0.4641, 0.3174



35.3065, 0.2424, 0.2740



11.2291, 0.3277, 0.3270



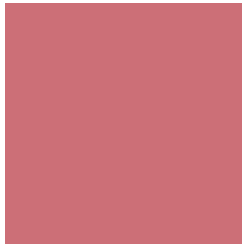
8.1125, 0.6295, 0.3241



0.4241, 0.5974, 0.3065

Previews

White Background



This preview shows how the Yxy color 25.5382, 0.4237, 0.3190 looks on a white background.

Color Contrast Check

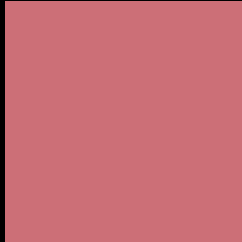
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5382, 0.4237, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

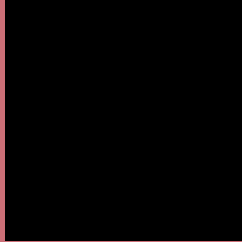
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5382, 0.4237, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 25.5382, 0.4237, 0.3190.



This preview shows how white text looks on a background with the Yxy color 25.5382, 0.4237, 0.3190.

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

25.5382, 0.4237, 0.3190

Protanopia

25.7101, 0.3234, 0.3373

Deuteranopia

25.4864, 0.3647, 0.3578



Tritanopia

25.5382, 0.4237, 0.3190

Trichromacy



Original Color

25.5382, 0.4237, 0.3190

Protanomaly

24.9962, 0.3573, 0.3291

Deuteranomaly

25.1583, 0.3866, 0.3426

Tritanomaly

25.5382, 0.4237, 0.3190

Monochromacy



Original Color

25.5382, 0.4237, 0.3190

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.1530, 0.3498, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5382, 0.4237, 0.3190 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(204, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(204, 111, 119)  
}
```

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(204, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 111, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.5382, 0.4237, 0.3190 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(204, 111, 119) }
```

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

```
.border{ border-color:rgb(204, 111, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(204, 111,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5382, 0.4237, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 111, 119) }
```

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

```
.background{ background-color: rgb(204,  
111, 119) }
```

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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