

Converting Colors

$Y_{xy}(25.4705, 0.4096, 0.3173)$

Have a look what the booklet for
Yxy(25.4705, 0.4096, 0.3173)
contains.

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Color

Yxy(25.4705, 0.4096, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	C6727B
RGB	198, 114, 123
RGB Percent	78%, 45%, 48%
CMY	0.2236, 0.5529, 0.5176
CMYK	0.00, 0.42, 0.38, 0.22
HSL	354°, 42%, 61%
HSV	354°, 42%, 78%
XYZ	32.8797, 25.4705, 21.9225
YIQ	140.1420, 47.1750, 20.6070

Conversions

Conversions Part 2

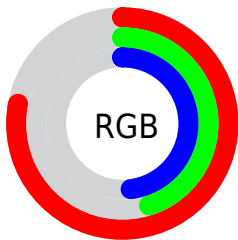
Format	Color
R_{YB}	198, 114, 123
Decimal	13005435
CIE _{Lab}	57.53, 34.05, 9.56
CIE _{LCh}	58, 35.366, 15.677
Yxy	25.4705, 0.4096, 0.3173
Android (android.graphics.Color)	4291195515 (0xFFC6727B)
YUV	140.1420, -8.4510, 50.7415
Hunter-Lab	50.4683, 27.9717, 9.5734

Details

The Yxy color **25.4705, 0.4096, 0.3173** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.6368, 0.2606, 0.3418**, and the grayscale version is **26.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9926, 0.3875, 0.3208**, and **9.8239, 0.4460, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **21.0743, 0.4466, 0.3150**, and if you desaturate by 10%, it is **30.9159, 0.3786, 0.3200**.

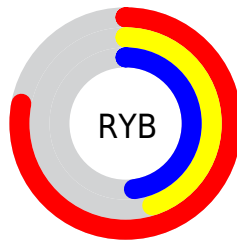
Distribution



Red (78%)

Green (45%)

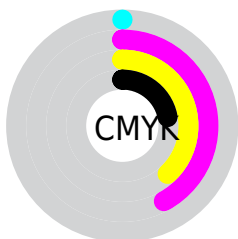
Blue (48%)



Red (78%)

Yellow (45%)

Blue (48%)

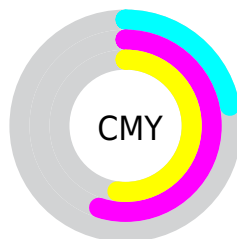


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4705, 0.4096, 0.3173 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 25.4705, 0.4096, 0.3173 by changing the saturation by 10% instead.


 25.4705, 0.4096,
0.3173

 25.4705, 0.4096,
0.3173


280.1730, 0.3559,
0.3250

 16.4279, 0.4250,
0.3146


 52.4195, 0.3887,
0.3206


 9.8275, 0.4460,
0.3105


 71.0947, 0.3813,
0.3217

 5.2847, 0.4763,
0.3038

 93.7496, 0.3752,
0.3226

 2.4153, 0.5233,
0.2919

 120.7686, 0.3700,
0.3233

 0.8337, 0.6379,
0.2813

152.5360, 0.3657,
0.3238

 0.0000, 1.0000,
0.0000

189.4363, 0.3620,

 0.0000, 0.0000,

0.3243

0.0000

231.8538, 0.3587,
0.3247

■ 25.4705, 0.4096,
0.3173

■ 25.4705, 0.4096,
0.3173

■ 21.0743, 0.4466,
0.3150

■ 30.9159, 0.3786,
0.3200

■ 17.6561, 0.4888,
0.3137

■ 37.4680, 0.3532,
0.3229

■ 15.1422, 0.5336,
0.3139


■ 45.1847, 0.3327,
0.3257

■ 13.4463, 0.5761,
0.3161


■ 54.1188, 0.3162,
0.3284

■ 12.4657, 0.6101,
0.3202

■ 64.3196, 0.3029,
0.3308

 12.0596, 0.6281,
0.3234

 75.8341, 0.2922,
0.3331

 88.7065, 0.2835,
0.3351

 90.7447, 0.2794,
0.3289

Harmonies

Analogous

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



25.4705, 0.3569, 0.2760



25.4705, 0.4096, 0.3173



25.4705, 0.4331, 0.3638

Triad

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



25.4705, 0.4096, 0.3173



25.4705, 0.3208, 0.4331



25.4705, 0.2128, 0.2436

Complementary

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



25.4705, 0.4096, 0.3173



47.6368, 0.2606, 0.3418

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.



25.4705, 0.2056, 0.2759



25.4705, 0.4096, 0.3173



25.4705, 0.2641, 0.3917

Square

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



25.4705, 0.4096, 0.3173



25.4705, 0.3781, 0.4361



25.4705, 0.2231, 0.3300



25.4705, 0.2438, 0.2346

Rectangle

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



25.4705, 0.4096, 0.3173



25.4705, 0.4283, 0.3938



25.4705, 0.2231, 0.3300



25.4705, 0.2077, 0.2517

Sweetspot

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



25.4718, 0.4096, 0.3173



78.8810, 0.3341, 0.3255



26.8299, 0.3071, 0.2227



16.1970, 0.3384, 0.3249



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.



25.4718, 0.4096, 0.3173



37.7749, 0.4440, 0.3152



33.8404, 0.4026, 0.3719



10.6551, 0.3273, 0.3266



7.8496, 0.6260, 0.3222



0.3781, 0.5858, 0.3001

Inverse Universe

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



25.4718, 0.4096, 0.3173



37.7749, 0.4440, 0.3152



34.8544, 0.2476, 0.2808



10.6551, 0.3273, 0.3266



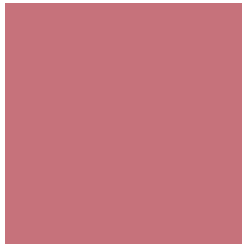
7.8496, 0.6260, 0.3222



0.3781, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 25.4705, 0.4096, 0.3173 looks on a white background.

Color Contrast Check

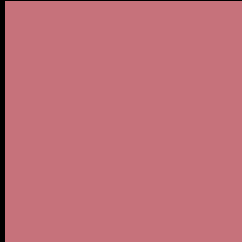
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4705, 0.4096, 0.3173 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 25.4705, 0.4096, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 25.4705, 0.4096, 0.3173.



This preview shows how white text looks on a background with the Yxy color 25.4705, 0.4096, 0.3173.

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

25.4705, 0.4096, 0.3173

Protanopia

25.7053, 0.3192, 0.3323

Deuteranopia

25.5021, 0.3577, 0.3498



Tritanopia

25.4455, 0.4110, 0.3186

Trichromacy



Original Color

25.4705, 0.4096, 0.3173

Protanomaly

25.0206, 0.3498, 0.3260

Deuteranomaly

25.1864, 0.3763, 0.3367

Tritanomaly

25.4455, 0.4110, 0.3186

Monochromacy



Original Color

25.4705, 0.4096, 0.3173

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 25.4705, 0.4096, 0.3173 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(198, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(198, 114, 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(198, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 114, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.4705, 0.4096, 0.3173 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(198, 114, 123) }
```

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

```
.border{ border-color:rgb(198, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 114,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4705, 0.4096, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 114, 123) }
```

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

```
.background{ background-color: rgb(198,  
114, 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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