

Converting Colors

$Y_{xy}(25.9610, 0.4034, 0.3167)$

Have a look what the booklet for
Yxy(25.9610, 0.4034, 0.3167)
contains.

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Color

Yxy(25.8675, 0.4034, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	C5747E
RGB	197, 116, 126
RGB Percent	77%, 45%, 49%
CMY	0.2275, 0.5450, 0.5059
CMYK	0.00, 0.41, 0.36, 0.23
HSL	353°, 41%, 61%
HSV	353°, 41%, 77%
XYZ	33.0324, 25.8675, 22.9851
YIQ	141.3590, 45.0660, 20.2820

Conversions

Conversions Part 2

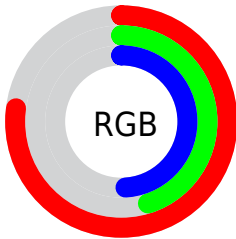
Format	Color
RYB	197, 116, 126
Decimal	12940414
CIELab	57.91, 32.95, 8.35
CIELCh	58, 33.995, 14.214
Yxy	25.8675, 0.4034, 0.3159
Android (android.graphics.Color)	4291130494 (0xFFC5747E)
YUV	141.3590, -7.5720, 48.7972
Hunter-Lab	50.8601, 26.9264, 8.8072

Details

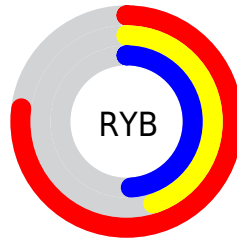
The Yxy color **25.8675, 0.4034, 0.3159** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.2260, 0.2626, 0.3432**, and the grayscale version is **26.8023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8906, 0.3830, 0.3187**, and **10.0950, 0.4380, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **21.3900, 0.4389, 0.3132**, and if you desaturate by 10%, it is **31.3874, 0.3738, 0.3191**.

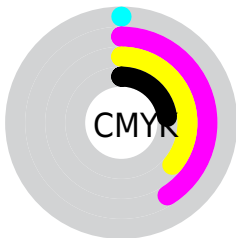
Distribution



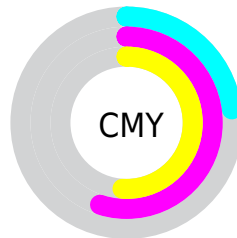
- Red (77%)
- Green (45%)
- Blue (49%)



- Red (77%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (36%)
- Black (23%)




- Cyan (23%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8675, 0.4034, 0.3159 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 25.8675, 0.4034, 0.3159 by changing the saturation by 10% instead.


 25.8675, 0.4034,
0.3159


 25.8675, 0.4034,
0.3159


282.1310, 0.3533,
0.3242


 16.7245, 0.4177,
0.3131


 53.0611, 0.3839,
0.3194

 10.0383, 0.4372,
0.3090


 71.8806, 0.3770,
0.3205

 5.4244, 0.4654,
0.3025


 94.6943, 0.3713,
0.3215

 2.4983, 0.5092,
0.2911

121.8867, 0.3665,
0.3222

 0.8758, 0.6057,
0.2772

153.8422, 0.3624,
0.3228

 0.0000, 1.0000,
0.0000

190.9451, 0.3590,

 0.0000, 0.0000,

0.3233

0.0000

233.5800, 0.3559,
0.3238

 25.8675, 0.4034,
0.3159


 25.8675, 0.4034,
0.3159


 21.3900, 0.4389,
0.3132


 31.3874, 0.3738,
0.3191


 17.8857, 0.4797,
0.3114

 38.0054, 0.3495,
0.3224


 15.2831, 0.5238,
0.3112


 45.7781, 0.3300,
0.3256


 13.4992, 0.5667,
0.3132


 54.7569, 0.3142,
0.3287

 12.4357, 0.6026,
0.3175

 64.9901, 0.3016,
0.3315

 11.9345, 0.6253,
0.3218

 76.5233, 0.2913,
0.3340

 89.4001, 0.2829,
0.3363

 90.6076, 0.2789,
0.3289

Harmonies

Analogous

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



25.8675, 0.3522, 0.2764



25.8675, 0.4034, 0.3159



25.8675, 0.4276, 0.3606

Triad

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



25.8675, 0.4034, 0.3159



25.8675, 0.3235, 0.4292



25.8675, 0.2158, 0.2481

Complementary

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



25.8675, 0.4034, 0.3159



47.2260, 0.2626, 0.3432

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.



25.8675, 0.2100, 0.2805



25.8675, 0.4034, 0.3159



25.8675, 0.2687, 0.3913

Square

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



25.8675, 0.4034, 0.3159



25.8675, 0.3781, 0.4308



25.8675, 0.2282, 0.3331



25.8675, 0.2447, 0.2382

Rectangle

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



25.8675, 0.4034, 0.3159



25.8675, 0.4243, 0.3896



25.8675, 0.2282, 0.3331



25.8675, 0.2113, 0.2563

Sweetspot

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



25.8688, 0.4034, 0.3159



80.3973, 0.3319, 0.3253



26.9878, 0.3059, 0.2255



16.7934, 0.3343, 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.



25.8688, 0.4034, 0.3159



39.2962, 0.4338, 0.3135



33.5958, 0.3997, 0.3688



10.6578, 0.3270, 0.3262



7.8585, 0.6231, 0.3206



0.3793, 0.5787, 0.2961

Inverse Universe

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



25.8688, 0.4034, 0.3159



39.2962, 0.4338, 0.3135



35.4899, 0.2499, 0.2847



10.6578, 0.3270, 0.3262



7.8585, 0.6231, 0.3206



0.3793, 0.5787, 0.2961

Previews

White Background



This preview shows how the Yxy color 25.8675, 0.4034, 0.3159 looks on a white background.

Color Contrast Check

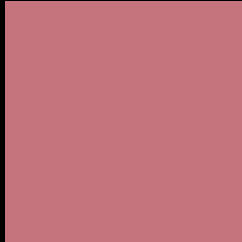
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8675, 0.4034, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

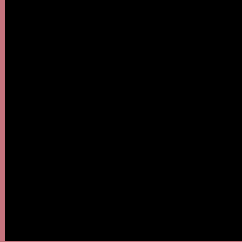
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8675, 0.4034, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 25.8675, 0.4034, 0.3159.



This preview shows how white text looks on a background with the Yxy color 25.8675, 0.4034, 0.3159.

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

25.8675, 0.4034, 0.3159

Protanopia

26.0510, 0.3170, 0.3307

Deuteranopia

25.8512, 0.3539, 0.3466



Tritanopia

25.8418, 0.4047, 0.3172

Trichromacy



Original Color

25.8675, 0.4034, 0.3159

Protanomaly

25.6352, 0.3457, 0.3244

Deuteranomaly

25.5182, 0.3722, 0.3337

Tritanomaly

25.8418, 0.4047, 0.3172

Monochromacy



Original Color

25.8675, 0.4034, 0.3159

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8572, 0.3420, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8675, 0.4034, 0.3159 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, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 116, 126)  
}
```

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, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 116, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.8675, 0.4034, 0.3159 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, 116, 126) }
```

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

```
.border{ border-color:rgb(197, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(197, 116,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8675, 0.4034, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 116, 126) }
```

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

```
.background{ background-color: rgb(197,  
116, 126) }
```

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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