

Converting Colors

$Yxy(25.3027, 0.4018, 0.3118)$

Have a look what the booklet for
Yxy(25.3027, 0.4018, 0.3118)
contains.

Yxy(25.3027, 0.4018, 0.3118)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3027, 0.4018, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	C4727F
RGB	196, 114, 127
RGB Percent	77%, 45%, 50%
CMY	0.2315, 0.5528, 0.5020
CMYK	0.00, 0.42, 0.35, 0.23
HSL	351°, 41%, 61%
HSV	351°, 42%, 77%
XYZ	32.6062, 25.3027, 23.2415
YIQ	140.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

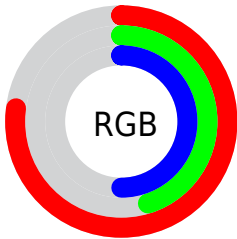
Format	Color
R_{YB}	196, 114, 127
Decimal	12874367
CIE _{Lab}	57.37, 33.77, 6.97
CIE _{LCh}	57, 34.484, 11.664
Yxy	25.3027, 0.4018, 0.3118
Android (android.graphics.Color)	4291064447 (0xFFC4727F)
YUV	140.0000, -6.4090, 49.1120
Hunter-Lab	50.3018, 27.6778, 7.8169

Details

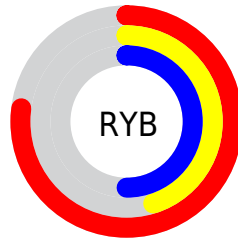
The Yxy color **25.3027, 0.4018, 0.3118** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.4630, 0.2636, 0.3478**, and the grayscale version is **26.2392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1927, 0.3827, 0.3155**, and **9.7923, 0.4359, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **20.9500, 0.4361, 0.3082**, and if you desaturate by 10%, it is **30.6754, 0.3731, 0.3159**.

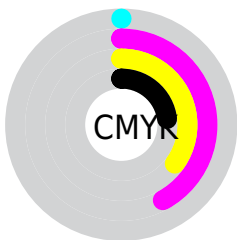
Distribution



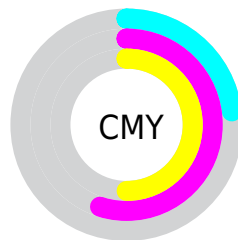
- Red (77%)
- Green (45%)
- Blue (50%)



- Red (77%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (23%)




- Cyan (23%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3027, 0.4018, 0.3118 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 25.3027, 0.4018, 0.3118 by changing the saturation by 10% instead.


 25.3027, 0.4018,
0.3118


 25.3027, 0.4018,
0.3118


279.3421, 0.3524,
0.3222


 16.3027, 0.4159,
0.3085


 52.1479, 0.3826,
0.3161

 9.7386, 0.4353,
0.3037


 70.7618, 0.3758,
0.3175

 5.2260, 0.4633,
0.2962

 93.3493, 0.3701,
0.3187

 2.3805, 0.5072,
0.2834

 120.2946, 0.3654,
0.3196

 0.8158, 0.6033,
0.2660

151.9821, 0.3615,
0.3204

 0.0000, 1.0000,
0.0000


188.7962, 0.3580,

 0.0000, 0.0000,

0.3211

0.0000

231.1214, 0.3550,
0.3217


 25.3027, 0.4018,
0.3118


 25.3027, 0.4018,
0.3118


 20.9500, 0.4361,
0.3082


 30.6754, 0.3731,
0.3159

 17.5490, 0.4755,
0.3059


 37.1232, 0.3496,
0.3202


 15.0292, 0.5182,
0.3055


 44.7016, 0.3305,
0.3244


 13.3084, 0.5602,
0.3078


 53.4613, 0.3152,
0.3283


 12.2889, 0.5961,
0.3130

 63.4498, 0.3028,
0.3319

 11.8303, 0.6183,
0.3180

 74.7122, 0.2927,
0.3353

 87.2911, 0.2845,
0.3383

 90.4713, 0.2783,
0.3289

Harmonies

Analogous

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



25.3027, 0.3479, 0.2724



25.3027, 0.4018, 0.3118



25.3027, 0.4294, 0.3572

Triad

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



25.3027, 0.4018, 0.3118



25.3027, 0.3286, 0.4332



25.3027, 0.2125, 0.2483

Complementary

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



25.3027, 0.4018, 0.3118



46.4630, 0.2636, 0.3478

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.



25.3027, 0.2086, 0.2832



25.3027, 0.4018, 0.3118



25.3027, 0.2721, 0.3973

Square

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



25.3027, 0.4018, 0.3118



25.3027, 0.3835, 0.4314



25.3027, 0.2291, 0.3383



25.3027, 0.2399, 0.2365

Rectangle

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



25.3027, 0.4018, 0.3118



25.3027, 0.4280, 0.3870



25.3027, 0.2291, 0.3383



25.3027, 0.2085, 0.2573

Sweetspot

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



25.3039, 0.4018, 0.3118



78.9743, 0.3329, 0.3238



26.0074, 0.3028, 0.2228



16.2197, 0.3370, 0.3229



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.



25.3039, 0.4018, 0.3118



38.6961, 0.4323, 0.3086



32.0969, 0.4032, 0.3659



10.1033, 0.3265, 0.3254



7.6128, 0.6156, 0.3165



0.3373, 0.5604, 0.2861

Inverse Universe

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



25.3039, 0.4018, 0.3118



38.6961, 0.4323, 0.3086



35.8103, 0.2496, 0.2881



10.1033, 0.3265, 0.3254



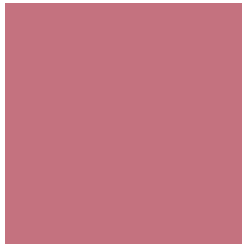
7.6128, 0.6156, 0.3165



0.3373, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 25.3027, 0.4018, 0.3118 looks on a white background.

Color Contrast Check

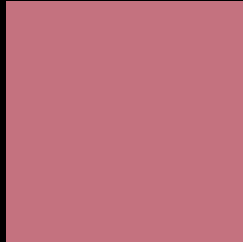
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3027, 0.4018, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

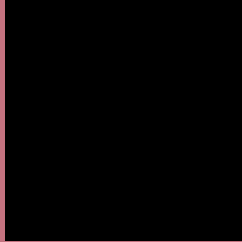
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3027, 0.4018, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 25.3027, 0.4018, 0.3118.



This preview shows how white text looks on a background with the Yxy color 25.3027, 0.4018, 0.3118.

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

25.3027, 0.4018, 0.3118

Protanopia

25.3602, 0.3130, 0.3240

Deuteranopia

25.3984, 0.3507, 0.3435



Tritanopia

25.4273, 0.4067, 0.3185

Trichromacy



Original Color

25.3027, 0.4018, 0.3118

Protanomaly

24.9234, 0.3427, 0.3197

Deuteranomaly

25.0603, 0.3689, 0.3307

Tritanomaly

25.4525, 0.4054, 0.3172

Monochromacy



Original Color

25.3027, 0.4018, 0.3118

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4555, 0.3422, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3027, 0.4018, 0.3118 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(196, 114, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 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(196, 114, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.3027, 0.4018, 0.3118 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(196, 114, 127) }
```

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

```
.border{ border-color:rgb(196, 114, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3027, 0.4018, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 127) }
```

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

```
.background{ background-color: rgb(196,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor