

Converting Colors

$Y_{xy}(27.5565, 0.3928, 0.3200)$

Have a look what the booklet for
Yxy(27.5565, 0.3928, 0.3200)
contains.

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Color

Yxy(27.5134, 0.3938, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	C47B82
RGB	196, 123, 130
RGB Percent	77%, 48%, 51%
CMY	0.2313, 0.5177, 0.4902
CMYK	0.00, 0.37, 0.34, 0.23
HSL	354°, 38%, 63%
HSV	354°, 37%, 77%
XYZ	33.8799, 27.5134, 24.6399
YIQ	145.6250, 41.2610, 17.6530

Conversions

Conversions Part 2

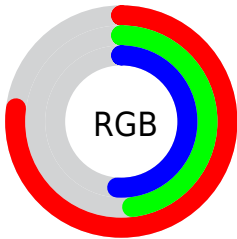
Format	Color
R _Y B	196, 123, 130
Decimal	12876674
CIE Lab	59.45, 29.32, 8.20
CIE LCh	59, 30.443, 15.632
Yxy	27.5134, 0.3938, 0.3198
Android (android.graphics.Color)	4291066754 (0xFFC47B82)
YUV	145.6250, -7.7031, 44.1789
Hunter-Lab	52.4532, 23.5011, 8.8658

Details

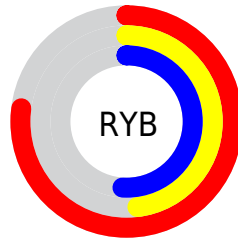
The Yxy color **27.5134, 0.3938, 0.3198** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3736, 0.2653, 0.3388**, and the grayscale version is **28.6031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5404, 0.3763, 0.3218**, and **10.9346, 0.4227, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **22.6932, 0.4282, 0.3175**, and if you desaturate by 10%, it is **33.3919, 0.3654, 0.3223**.

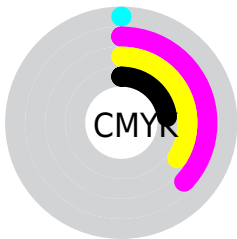
Distribution



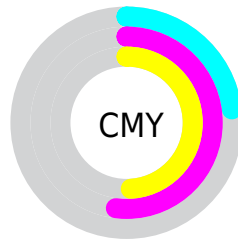
- Red (77%)
- Green (48%)
- Blue (51%)



- Red (77%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5134, 0.3938, 0.3198 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 27.5134, 0.3938, 0.3198 by changing the saturation by 10% instead.


 27.5134, 0.3938,
0.3198


 27.5134, 0.3938,
0.3198


290.1344, 0.3494,
0.3257


 17.9592, 0.4063,
0.3178


 55.7066, 0.3766,
0.3223

 10.9207, 0.4234,
0.3148


 75.1144, 0.3705,
0.3232

 6.0135, 0.4477,
0.3100

 98.5755, 0.3654,
0.3238

 2.8533, 0.4853,
0.3016

126.4743, 0.3612,
0.3243

 1.0556, 0.5575,
0.2882

159.1952, 0.3576,
0.3248

 0.0000, 1.0000,
0.0000


197.1226, 0.3545,


 0.0000, 0.0000,

0.3251

0.0000

240.6408, 0.3517,
0.3255


 27.5134, 0.3938,
0.3198


 27.5134, 0.3938,
0.3198


 22.6932, 0.4282,
0.3175

 33.3919, 0.3654,
0.3223


 18.8646, 0.4683,
0.3159


 40.3821, 0.3424,
0.3249

 15.9598, 0.5127,
0.3154


 48.5388, 0.3238,
0.3273


 13.9004, 0.5574,
0.3164

 57.9119, 0.3089,
0.3296


 12.5955, 0.5964,
0.3193

 68.5482, 0.2969,
0.3317

 11.9195, 0.6240,
0.3235

 80.4924, 0.2872,
0.3336

 11.7843, 0.6297,
0.3242

 90.4179, 0.2788,
0.3299

 90.4781, 0.2784,
0.3289

Harmonies

Analogous

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



27.5134, 0.3500, 0.2839



27.5134, 0.3938, 0.3198



27.5134, 0.4138, 0.3599

Triad

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



27.5134, 0.3938, 0.3198



27.5134, 0.3205, 0.4151



27.5134, 0.2274, 0.2567

Complementary

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



27.5134, 0.3938, 0.3198



47.3736, 0.2653, 0.3388

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.



27.5134, 0.2212, 0.2851



27.5134, 0.3938, 0.3198



27.5134, 0.2723, 0.3810

Square

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



27.5134, 0.3938, 0.3198



27.5134, 0.3689, 0.4190



27.5134, 0.2367, 0.3307



27.5134, 0.2543, 0.2483

Rectangle

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



27.5134, 0.3938, 0.3198



27.5134, 0.4103, 0.3853



27.5134, 0.2367, 0.3307



27.5134, 0.2229, 0.2639

Sweetspot

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



27.5147, 0.3938, 0.3198



81.8636, 0.3306, 0.3264



28.9340, 0.3094, 0.2358



17.0843, 0.3332, 0.3261



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.



27.5147, 0.3938, 0.3198



42.3314, 0.4224, 0.3179



35.6912, 0.3879, 0.3682



10.0932, 0.3274, 0.3268



7.5763, 0.6277, 0.3231



0.3328, 0.5886, 0.3016

Inverse Universe

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



27.5147, 0.3938, 0.3198



42.3314, 0.4224, 0.3179



35.7647, 0.2551, 0.2858



10.0932, 0.3274, 0.3268



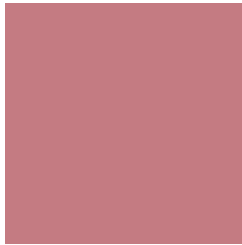
7.5763, 0.6277, 0.3231



0.3328, 0.5886, 0.3016

Previews

White Background



This preview shows how the Yxy color 27.5134, 0.3938, 0.3198 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 27.5134, 0.3938, 0.3198 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 27.5134, 0.3938, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 27.5134, 0.3938, 0.3198.



This preview shows how white text looks on a background with the Yxy color 27.5134, 0.3938, 0.3198.

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

27.5134, 0.3938, 0.3198

Protanopia

27.7711, 0.3190, 0.3322

Deuteranopia

27.4958, 0.3528, 0.3462



Tritanopia

27.5676, 0.3912, 0.3171

Trichromacy



Original Color

27.5134, 0.3938, 0.3198

Protanomaly

27.4138, 0.3446, 0.3276

Deuteranomaly

27.4475, 0.3674, 0.3366

Tritanomaly

27.5404, 0.3925, 0.3184

Monochromacy



Original Color

27.5134, 0.3938, 0.3198

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9629, 0.3397, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5134, 0.3938, 0.3198 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, 123, 130)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 130)  
}
```

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, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.5134, 0.3938, 0.3198 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, 123, 130) }
```

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

```
.border{ border-color:rgb(196, 123, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5134, 0.3938, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 130) }
```

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

```
.background{ background-color: rgb(196,  
123, 130) }
```

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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