

Converting Colors

$Y_{xy}(25.8678, 0.4375, 0.3530)$

Have a look what the booklet for
Yxy(25.8678, 0.4375, 0.3530)
contains.

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Color

Yxy(25.8827, 0.4374, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	C67664
RGB	198, 118, 100
RGB Percent	78%, 46%, 39%
CMY	0.2235, 0.5373, 0.6077
CMYK	0.00, 0.40, 0.49, 0.22
HSL	11°, 46%, 58%
HSV	11°, 49%, 78%
XYZ	32.0711, 25.8827, 15.3683
YIQ	139.8680, 53.4580, 11.3620

Conversions

Conversions Part 2

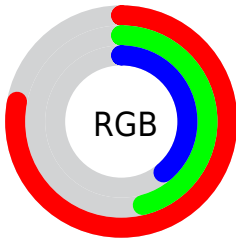
Format	Color
R_{YB}	198, 122, 100
Decimal	13006436
CIE _{Lab}	57.93, 29.45, 23.33
CIE _{LCh}	58, 37.567, 38.382
Yxy	25.8827, 0.4374, 0.3530
Android (android.graphics.Color)	4291196516 (0xFFC67664)
YUV	139.8680, -19.6549, 50.9818
Hunter-Lab	50.8750, 23.4932, 17.7022

Details

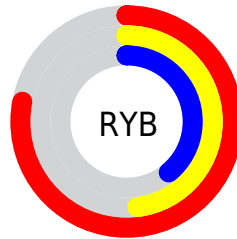
The Yxy color **25.8827, 0.4374, 0.3530** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4489, 0.2434, 0.3020**, and the grayscale version is **26.2350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6202, 0.4087, 0.3503**, and **10.0540, 0.4833, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **22.0586, 0.4765, 0.3565**, and if you desaturate by 10%, it is **30.4555, 0.4029, 0.3484**.

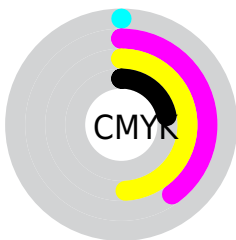
Distribution



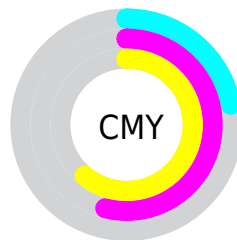
- Red (78%)
- Green (46%)
- Blue (39%)



- Red (78%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (49%)
- Black (22%)




- Cyan (22%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8827, 0.4374, 0.3530 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 25.8827, 0.4374, 0.3530 by changing the saturation by 10% instead.


 25.8827, 0.4374,
0.3530


 25.8827, 0.4374,
0.3530


282.2058, 0.3685,
0.3430


 16.7359, 0.4567,
0.3543


 53.0857, 0.4108,
0.3501


 10.0464, 0.4826,
0.3550


 71.9106, 0.4013,
0.3488

 5.4297, 0.5187,
0.3537

 94.7304, 0.3934,
0.3476

 2.5015, 0.5763,
0.3497

 121.9294, 0.3868,
0.3465

 0.8774, 0.6688,
0.3312

153.8921, 0.3812,
0.3455

 0.0000, 1.0000,
0.0000

191.0028, 0.3764,


 0.0000, 0.0000,


0.3446


0.0000

233.6459, 0.3722,
0.3438


 25.8827, 0.4374,
0.3530


 25.8827, 0.4374,
0.3530


 22.0586, 0.4765,
0.3565


 30.4555, 0.4029,
0.3484


 18.9390, 0.5183,
0.3580


 35.8101, 0.3735,
0.3434


 16.4813, 0.5593,
0.3567


 41.9824, 0.3490,
0.3383

 14.6362, 0.5945,
0.3521

 49.0050, 0.3287,
0.3334

 13.3421, 0.6201,
0.3452

 56.9085, 0.3119,
0.3288

 13.2885, 0.6212,
0.3449

 65.7222, 0.2981,
0.3246

 75.4740, 0.2866,
0.3207

 85.9670, 0.2788,
0.3208

 90.7477, 0.2794,
0.3289

Harmonies

Analogous

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



25.8827, 0.4037, 0.3051



25.8827, 0.4374, 0.3530



25.8827, 0.4325, 0.4006

Triad

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



25.8827, 0.4374, 0.3530



25.8827, 0.2747, 0.4095



25.8827, 0.2302, 0.2301

Complementary

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



25.8827, 0.4374, 0.3530



39.4489, 0.2434, 0.3020

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.



25.8827, 0.2037, 0.2449



25.8827, 0.4374, 0.3530



25.8827, 0.2267, 0.3460

Square

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



25.8827, 0.4374, 0.3530



25.8827, 0.3360, 0.4441



25.8827, 0.2023, 0.2846



25.8827, 0.2793, 0.2377

Rectangle

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



25.8827, 0.4374, 0.3530



25.8827, 0.4099, 0.4270



25.8827, 0.2023, 0.2846



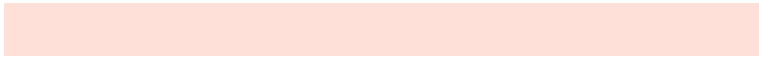
25.8827, 0.2187, 0.2324

Sweetspot

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



25.8840, 0.4374, 0.3530



79.4416, 0.3399, 0.3361



24.4242, 0.3388, 0.2293



16.4471, 0.3444, 0.3372



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.



25.8840, 0.4374, 0.3530



38.8114, 0.4781, 0.3566



40.5599, 0.4030, 0.4148



10.9464, 0.3285, 0.3333



8.7326, 0.6193, 0.3465



0.5118, 0.5807, 0.3771

Inverse Universe

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



39.4489, 0.2434, 0.3020



65.3584, 0.2323, 0.2954



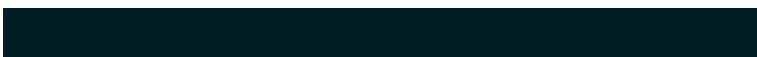
23.0360, 0.2283, 0.2231



11.7240, 0.2984, 0.3247



19.5009, 0.2083, 0.2698



1.0118, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 25.8827, 0.4374, 0.3530 looks on a white background.

Color Contrast Check

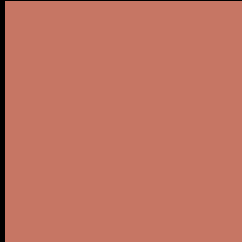
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8827, 0.4374, 0.3530 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 25.8827, 0.4374, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 25.8827, 0.4374, 0.3530.



This preview shows how white text looks on a background with the Yxy color 25.8827, 0.4374, 0.3530.

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

25.8827, 0.4374, 0.3530

Protanopia

25.9806, 0.3547, 0.3771

Deuteranopia

26.1288, 0.3932, 0.3860



Tritanopia

25.9709, 0.4114, 0.3187

Trichromacy



Original Color

25.8827, 0.4374, 0.3530

Protanomaly

25.4887, 0.3847, 0.3678

Deuteranomaly

25.7852, 0.4093, 0.3731

Tritanomaly

25.8707, 0.4204, 0.3306

Monochromacy



Original Color

25.8827, 0.4374, 0.3530

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5603, 0.3547, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8827, 0.4374, 0.3530 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, 118, 100)` looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 100)  
}
```

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, 118, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.8827, 0.4374, 0.3530 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, 118, 100) }
```

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

```
.border{ border-color:rgb(198, 118, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(198, 118,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8827, 0.4374, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 100) }
```

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

```
.background{ background-color: rgb(198,  
118, 100) }
```

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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