

Converting Colors

$Y_{xy}(25.6958, 0.4574, 0.3575)$

Have a look what the booklet for
Yxy(25.6958, 0.4574, 0.3575)
contains.

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Color

Yxy(25.6447, 0.4573, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	CC725C
RGB	204, 114, 92
RGB Percent	80%, 45%, 36%
CMY	0.2000, 0.5529, 0.6393
CMYK	0.00, 0.44, 0.55, 0.20
HSL	12°, 52%, 58%
HSV	12°, 55%, 80%
XYZ	32.8496, 25.6447, 13.3396
YIQ	138.4020, 60.7020, 12.2380

Conversions

Conversions Part 2

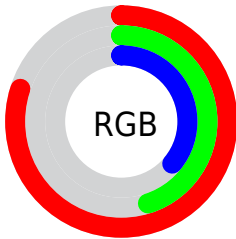
Format	Color
R_{YB}	204, 119, 92
Decimal	13398620
CIE Lab	57.70, 33.22, 27.73
CIE LCh	58, 43.277, 39.855
Yxy	25.6447, 0.4573, 0.3570
Android (android.graphics.Color)	4291588700 (0xFFCC725C)
YUV	138.4020, -22.8762, 57.5294
Hunter-Lab	50.6406, 27.1687, 19.8305

Details

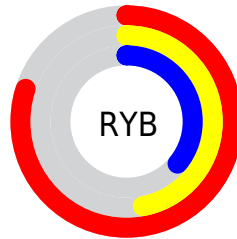
The Yxy color **25.6447, 0.4573, 0.3570** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **40.0774, 0.2368, 0.2963**, and the grayscale version is **25.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8806, 0.4181, 0.3545**, and **9.9750, 0.5079, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **21.9640, 0.4978, 0.3598**, and if you desaturate by 10%, it is **30.0865, 0.4205, 0.3526**.

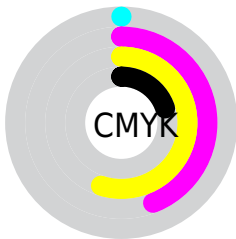
Distribution



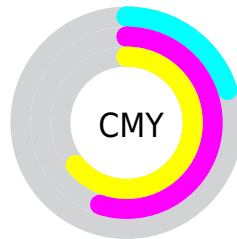
- Red (80%)
- Green (45%)
- Blue (36%)



- Red (80%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6447, 0.4573, 0.3570 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 25.6447, 0.4573, 0.3570 by changing the saturation by 10% instead.


 25.6447, 0.4573,
0.3570


 25.6447, 0.4573,
0.3570


281.0336, 0.3776,
0.3461


 16.5580, 0.4793,
0.3580


 52.7012, 0.4267,
0.3541

 9.9199, 0.5084,
0.3577


 71.4398, 0.4157,
0.3527

 5.3459, 0.5483,
0.3544

 94.1645, 0.4066,
0.3514

 2.4516, 0.6203,
0.3518

 121.2598, 0.3989,
0.3501

 0.8522, 0.6888,
0.3112

153.1099, 0.3924,
0.3490

 0.0000, 1.0000,
0.0000

190.0993, 0.3868,

 0.0000, 0.0000,

0.3479

0.0000

232.6124, 0.3819,
0.3470

■ 25.6447, 0.4573,
0.3570

■ 25.6447, 0.4573,
0.3570

■ 21.9640, 0.4978,
0.3598

■ 30.0865, 0.4205,
0.3526

■ 18.9971, 0.5393,
0.3599

■ 35.3252, 0.3886,
0.3474

■ 16.6975, 0.5774,
0.3568

■ 41.3990, 0.3617,
0.3419

■ 15.0111, 0.6073,
0.3502

■ 48.3426, 0.3392,
0.3365

■ 14.3622, 0.6192,
0.3465

■ 56.1886, 0.3206,
0.3314

■ 64.9678, 0.3053,
0.3266

■ 74.7099, 0.2925,
0.3223

■ 85.4313, 0.2820,
0.3186

■ 91.5769, 0.2827,
0.3289

Harmonies

Analogous

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



25.6447, 0.4208, 0.3034



25.6447, 0.4573, 0.3570



25.6447, 0.4482, 0.4110

Triad

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



25.6447, 0.4573, 0.3570



25.6447, 0.2650, 0.4203



25.6447, 0.2208, 0.2168

Complementary

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



25.6447, 0.4573, 0.3570



40.0774, 0.2368, 0.2963

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.



25.6447, 0.1902, 0.2312



25.6447, 0.4573, 0.3570



25.6447, 0.2122, 0.3440

Square

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



25.6447, 0.4573, 0.3570



25.6447, 0.3344, 0.4627



25.6447, 0.1869, 0.2739



25.6447, 0.2772, 0.2269

Rectangle

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



25.6447, 0.4573, 0.3570



25.6447, 0.4203, 0.4418



25.6447, 0.1869, 0.2739



25.6447, 0.2076, 0.2187

Sweetspot

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



25.6460, 0.4573, 0.3570



78.4864, 0.3419, 0.3372



23.9263, 0.3426, 0.2196



16.2686, 0.3463, 0.3383



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.



25.6460, 0.4573, 0.3570



35.3269, 0.5059, 0.3600



41.8090, 0.4144, 0.4233



11.5649, 0.3285, 0.3336



9.1453, 0.6171, 0.3482



0.5801, 0.5798, 0.3778

Inverse Universe

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



40.0774, 0.2368, 0.2963



61.4239, 0.2252, 0.2878



21.9301, 0.2186, 0.2088



12.3376, 0.2983, 0.3243



19.5619, 0.2070, 0.2652



1.1074, 0.2108, 0.2790

Previews

White Background



This preview shows how the Yxy color 25.6447, 0.4573, 0.3570 looks on a white background.

Color Contrast Check

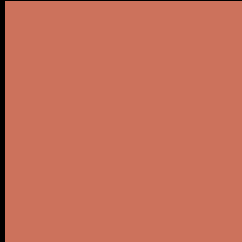
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6447, 0.4573, 0.3570 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 25.6447, 0.4573, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 25.6447, 0.4573, 0.3570.



This preview shows how white text looks on a background with the Yxy color 25.6447, 0.4573, 0.3570.

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

25.6447, 0.4573, 0.3570

Protanopia

25.8141, 0.3633, 0.3904

Deuteranopia

25.8045, 0.4050, 0.3974



Tritanopia

25.5817, 0.4279, 0.3192

Trichromacy



Original Color

25.6447, 0.4573, 0.3570

Protanomaly

25.2821, 0.3970, 0.3781

Deuteranomaly

25.4667, 0.4248, 0.3820

Tritanomaly

25.4521, 0.4385, 0.3319

Monochromacy



Original Color

25.6447, 0.4573, 0.3570

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7624, 0.3616, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6447, 0.4573, 0.3570 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(204, 114, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 114, 92)  
}
```

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(204, 114, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 114, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.6447, 0.4573, 0.3570 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(204, 114, 92) }
```

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

```
.border{ border-color:rgb(204, 114, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 114, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 114, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 114, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 114,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6447, 0.4573, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 114, 92) }
```

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

```
.background{ background-color: rgb(204,  
114, 92) }
```

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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