

Converting Colors

$Y_{xy}(25.5380, 0.4411, 0.3513)$

Have a look what the booklet for
Yxy(25.5380, 0.4411, 0.3513)
contains.

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Color

Yxy(25.5337, 0.4413, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	C77463
RGB	199, 116, 99
RGB Percent	78%, 45%, 39%
CMY	0.2197, 0.5450, 0.6118
CMYK	0.00, 0.42, 0.50, 0.22
HSL	10°, 47%, 58%
HSV	10°, 50%, 78%
XYZ	32.0478, 25.5337, 15.0399
YIQ	138.8790, 54.9250, 12.3090

Conversions

Conversions Part 2

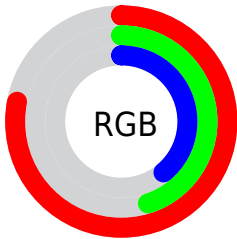
Format	Color
RYB	199, 119, 99
Decimal	13071459
CIELab	57.59, 30.80, 23.50
CIELCh	58, 38.742, 37.337
Yxy	25.5337, 0.4413, 0.3516
Android (android.graphics.Color)	4291261539 (0xFFC77463)
YUV	138.8790, -19.6603, 52.7261
Hunter-Lab	50.5309, 24.7797, 17.7247

Details

The Yxy color **25.5337, 0.4413, 0.3516** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.2145, 0.2428, 0.3036**, and the grayscale version is **25.8316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8379, 0.4105, 0.3493**, and **9.8071, 0.4877, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **21.7256, 0.4812, 0.3547**, and if you desaturate by 10%, it is **30.1147, 0.4060, 0.3474**.

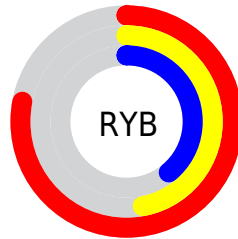
Distribution



Red (78%)

Green (45%)

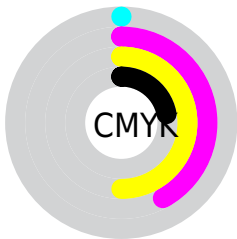
Blue (39%)



Red (78%)

Yellow (47%)

Blue (39%)

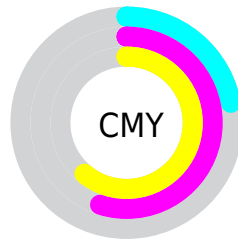


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5337, 0.4413, 0.3516 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 25.5337, 0.4413, 0.3516 by changing the saturation by 10% instead.


 25.5337, 0.4413,
0.3516


 25.5337, 0.4413,
0.3516


280.4855, 0.3701,
0.3425


 16.4751, 0.4612,
0.3526


 52.5217, 0.4138,
0.3491


 9.8610, 0.4880,
0.3527


 71.2200, 0.4040,
0.3479

 5.3069, 0.5254,
0.3506

 93.9002, 0.3958,
0.3468

 2.4284, 0.5862,
0.3458

 120.9469, 0.3890,
0.3458

 0.8405, 0.6779,
0.3221

152.7443, 0.3832,
0.3449

 0.0000, 1.0000,
0.0000


189.6770, 0.3783,


 0.0000, 0.0000,

0.3440


0.0000


232.1292, 0.3739,
0.3432


 25.5337, 0.4413,
0.3516


 25.5337, 0.4413,
0.3516


 21.7256, 0.4812,
0.3547


 30.1147, 0.4060,
0.3474

 18.6436, 0.5236,
0.3558


 35.5041, 0.3760,
0.3427

 16.2419, 0.5648,
0.3542

 41.7401, 0.3509,
0.3380

 14.4676, 0.5993,
0.3495

 48.8570, 0.3302,
0.3334

 13.2779, 0.6234,
0.3432

 56.8875, 0.3131,
0.3291

■ 65.8624, 0.2991,
0.3252

■ 75.8111, 0.2875,
0.3216

■ 86.5556, 0.2794,
0.3216

■ 90.8805, 0.2800,
0.3289

Harmonies

Analogous

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



25.5337, 0.4052, 0.3025



25.5337, 0.4413, 0.3516



25.5337, 0.4374, 0.4009

Triad

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



25.5337, 0.4413, 0.3516



25.5337, 0.2753, 0.4146



25.5337, 0.2261, 0.2271

Complementary

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



25.5337, 0.4413, 0.3516



40.2145, 0.2428, 0.3036

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.



25.5337, 0.1999, 0.2430



25.5337, 0.4413, 0.3516



25.5337, 0.2251, 0.3489

Square

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



25.5337, 0.4413, 0.3516



25.5337, 0.3388, 0.4490



25.5337, 0.1992, 0.2847



25.5337, 0.2760, 0.2343

Rectangle

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



25.5337, 0.4413, 0.3516



25.5337, 0.4145, 0.4288



25.5337, 0.1992, 0.2847



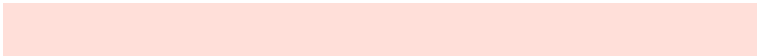
25.5337, 0.2146, 0.2297

Sweetspot

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



25.5350, 0.4413, 0.3516



79.1728, 0.3399, 0.3356



24.4522, 0.3373, 0.2261



16.3832, 0.3445, 0.3366



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.



25.5350, 0.4413, 0.3516



37.6712, 0.4838, 0.3548



40.1879, 0.4057, 0.4141



10.9240, 0.3285, 0.3330



8.6282, 0.6215, 0.3447



0.5017, 0.5843, 0.3743

Inverse Universe

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



40.2145, 0.2428, 0.3036



66.0546, 0.2319, 0.2972



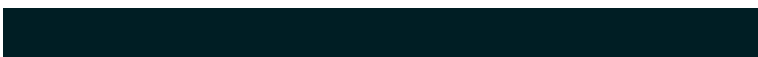
23.3642, 0.2275, 0.2238



11.7483, 0.2984, 0.3250



20.0944, 0.2095, 0.2743



1.0350, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 25.5337, 0.4413, 0.3516 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 25.5337, 0.4413, 0.3516 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 25.5337, 0.4413, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 25.5337, 0.4413, 0.3516.



This preview shows how white text looks on a background with the Yxy color 25.5337, 0.4413, 0.3516.

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

25.5337, 0.4413, 0.3516

Protanopia

25.8653, 0.3546, 0.3789

Deuteranopia

25.7266, 0.3938, 0.3863



Tritanopia

25.6082, 0.4164, 0.3188

Trichromacy



Original Color

25.5337, 0.4413, 0.3516

Protanomaly

25.4680, 0.3858, 0.3694

Deuteranomaly

25.5068, 0.4111, 0.3731

Tritanomaly

25.5062, 0.4254, 0.3306

Monochromacy



Original Color

25.5337, 0.4413, 0.3516

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2649, 0.3562, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5337, 0.4413, 0.3516 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(199, 116, 99)` looks like.

```
.text, #text, p{  
    color:rgb(199, 116, 99)  
}
```

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(199, 116, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 116, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.5337, 0.4413, 0.3516 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(199, 116, 99) }
```

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

```
.border{ border-color:rgb(199, 116, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 116, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 116, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 116, 99);  
box-shadow:4px 4px 4px 4px rgb(199, 116,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5337, 0.4413, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 116, 99) }
```

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

```
.background{ background-color: rgb(199,  
116, 99) }
```

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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