

Converting Colors

$Y_{xy}(25.8785, 0.4519, 0.3461)$

Have a look what the booklet for
Yxy(25.8785, 0.4519, 0.3461)
contains.

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Color

Yxy(25.9765, 0.4525, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	CF7163
RGB	207, 113, 99
RGB Percent	81%, 44%, 39%
CMY	0.1882, 0.5569, 0.6117
CMYK	0.00, 0.45, 0.52, 0.19
HSL	8°, 53%, 60%
HSV	8°, 52%, 81%
XYZ	33.8938, 25.9765, 15.0331
YIQ	139.5100, 60.5180, 15.5740

Conversions

Conversions Part 2

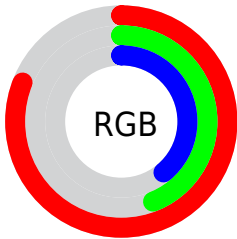
Format	Color
R _Y B	207, 115, 99
Decimal	13594979
CIE Lab	58.01, 35.54, 24.24
CIE LCh	58, 43.018, 34.300
Yxy	25.9765, 0.4525, 0.3468
Android (android.graphics.Color)	4291785059 (0xFFCF7163)
YUV	139.5100, -19.9714, 59.1887
Hunter-Lab	50.9671, 29.5122, 18.1890

Details

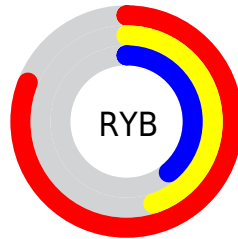
The Yxy color **25.9765, 0.4525, 0.3468** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.3135, 0.2419, 0.3088**, and the grayscale version is **26.0873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7344, 0.4119, 0.3461**, and **10.0827, 0.5040, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **22.0020, 0.4948, 0.3488**, and if you desaturate by 10%, it is **30.8536, 0.4148, 0.3438**.

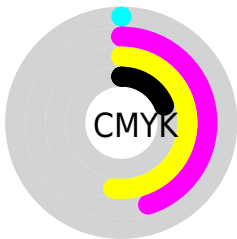
Distribution



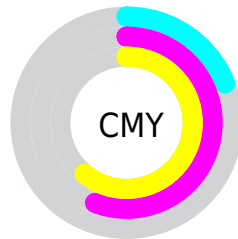
- Red (81%)
- Green (44%)
- Blue (39%)



- Red (81%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (45%)
- Yellow (52%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9765, 0.4525, 0.3468 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 25.9765, 0.4525, 0.3468 by changing the saturation by 10% instead.


 25.9765, 0.4525,
0.3468

 25.9765, 0.4525,
0.3468


282.6667, 0.3754,
0.3409


 16.8061, 0.4739,
0.3467


 53.2370, 0.4228,
0.3457


 10.0963, 0.5026,
0.3453


 72.0959, 0.4121,
0.3449

 5.4629, 0.5422,
0.3408

 94.9531, 0.4033,
0.3442

 2.5213, 0.6052,
0.3320

 122.1929, 0.3959,
0.3434

 0.8873, 0.6973,
0.3027

154.1998, 0.3897,
0.3427

 0.0000, 1.0000,
0.0000

191.3581, 0.3842,

 0.0000, 0.0000,

0.3421

0.0000

234.0523, 0.3795,
0.3415

■ 25.9765, 0.4525,
0.3468

■ 25.9765, 0.4525,
0.3468

■ 22.0020, 0.4948,
0.3488

■ 30.8536, 0.4148,
0.3438

■ 18.8705, 0.5390,
0.3490

■ 36.6799, 0.3827,
0.3402

■ 16.5218, 0.5801,
0.3469

■ 43.5035, 0.3560,
0.3366

■ 14.8858, 0.6123,
0.3424

■ 51.3684, 0.3340,
0.3330

■ 14.0433, 0.6295,
0.3384

■ 60.3157, 0.3162,
0.3297

■ 70.3842, 0.3015,
0.3266

■ 81.6110, 0.2895,
0.3238

■ 92.0083, 0.2844,
0.3289

Harmonies

Analogous

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



25.9765, 0.4086, 0.2945



25.9765, 0.4525, 0.3468



25.9765, 0.4518, 0.4009

Triad

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



25.9765, 0.4525, 0.3468



25.9765, 0.2775, 0.4306



25.9765, 0.2140, 0.2185

Complementary

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



25.9765, 0.4525, 0.3468



45.3135, 0.2419, 0.3088

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.



25.9765, 0.1886, 0.2377



25.9765, 0.4525, 0.3468



25.9765, 0.2209, 0.3584

Square

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



25.9765, 0.4525, 0.3468



25.9765, 0.3473, 0.4632



25.9765, 0.1905, 0.2856



25.9765, 0.2655, 0.2242

Rectangle

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



25.9765, 0.4525, 0.3468



25.9765, 0.4284, 0.4331



25.9765, 0.1905, 0.2856



25.9765, 0.2026, 0.2219

Sweetspot

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



25.9778, 0.4525, 0.3468



77.0408, 0.3423, 0.3344



26.1069, 0.3324, 0.2170



15.9285, 0.3469, 0.3352



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.



25.9778, 0.4525, 0.3468



34.3708, 0.5018, 0.3490



41.3017, 0.4137, 0.4112



12.0515, 0.3287, 0.3321



8.9237, 0.6279, 0.3397



0.5820, 0.5996, 0.3621

Inverse Universe

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



45.3135, 0.2419, 0.3088



68.5762, 0.2310, 0.3036



26.0355, 0.2256, 0.2272



13.1350, 0.2983, 0.3259



23.5527, 0.2133, 0.2878



1.3914, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 25.9765, 0.4525, 0.3468 looks on a white background.

Color Contrast Check

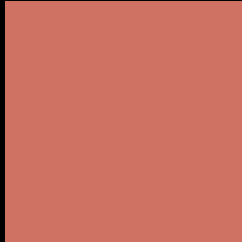
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9765, 0.4525, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

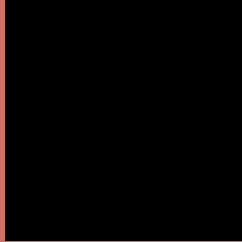
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9765, 0.4525, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 25.9765, 0.4525, 0.3468.



This preview shows how white text looks on a background with the Yxy color 25.9765, 0.4525, 0.3468.

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

25.9765, 0.4525, 0.3468

Protanopia

26.2934, 0.3533, 0.3770

Deuteranopia

26.0919, 0.3954, 0.3889



Tritanopia

25.8698, 0.4302, 0.3193

Trichromacy



Original Color

25.9765, 0.4525, 0.3468

Protanomaly

25.5728, 0.3877, 0.3643

Deuteranomaly

25.7113, 0.4178, 0.3722

Tritanomaly

25.9265, 0.4391, 0.3294

Monochromacy



Original Color

25.9765, 0.4525, 0.3468

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3384, 0.3590, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9765, 0.4525, 0.3468 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(207, 113, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 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(207, 113, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.9765, 0.4525, 0.3468 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(207, 113, 99) }
```

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

```
.border{ border-color:rgb(207, 113, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9765, 0.4525, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 99) }
```

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

```
.background{ background-color: rgb(207,  
113, 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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