

Converting Colors

$Y_{xy}(24.9441, 0.4381, 0.3378)$

Have a look what the booklet for
Yxy(24.9441, 0.4381, 0.3378)
contains.

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Color

Yxy(25.0258, 0.4386, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C97069
RGB	201, 112, 105
RGB Percent	79%, 44%, 41%
CMY	0.2117, 0.5608, 0.5881
CMYK	0.00, 0.44, 0.48, 0.21
HSL	4°, 47%, 60%
HSV	4°, 48%, 79%
XYZ	32.4359, 25.0258, 16.4916
YIQ	137.8130, 55.2910, 16.6910

Conversions

Conversions Part 2

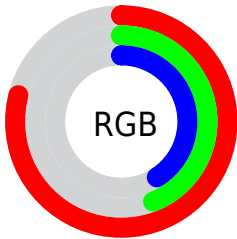
Format	Color
R _Y B	201, 113, 105
Decimal	13201513
CIE Lab	57.10, 34.32, 19.43
CIE LCh	57, 39.436, 29.511
Yxy	25.0258, 0.4386, 0.3384
Android (android.graphics.Color)	4291391593 (0xFFC97069)
YUV	137.8130, -16.1768, 55.4150
Hunter-Lab	50.0258, 28.1914, 15.4724

Details

The Yxy color **25.0258, 0.4386, 0.3384** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.8279, 0.2482, 0.3188**, and the grayscale version is **25.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5706, 0.4066, 0.3388**, and **9.5904, 0.4842, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **20.9649, 0.4809, 0.3398**, and if you desaturate by 10%, it is **30.0386, 0.4019, 0.3365**.

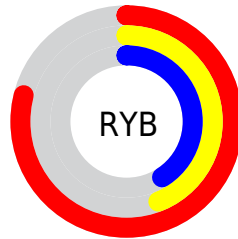
Distribution



Red (79%)

Green (44%)

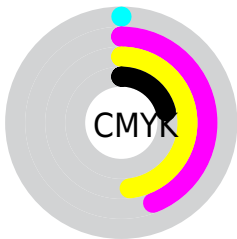
Blue (41%)



Red (79%)

Yellow (44%)

Blue (41%)

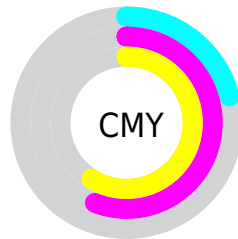


Cyan (0%)

Magenta (44%)

Yellow (48%)

Black (21%)



Cyan (21%)


Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0258, 0.4386, 0.3384 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 25.0258, 0.4386, 0.3384 by changing the saturation by 10% instead.


 25.0258, 0.4386,
0.3384


 25.0258, 0.4386,
0.3384


277.9664, 0.3686,
0.3361

 16.0963, 0.4585,
0.3377


 51.6991, 0.4114,
0.3384


 9.5923, 0.4854,
0.3358


 70.2116, 0.4017,
0.3381

 5.1295, 0.5235,
0.3312

 92.6873, 0.3937,
0.3378

 2.3234, 0.5821,
0.3208

 119.5105, 0.3871,
0.3374

 0.7861, 0.6990,
0.3010

151.0656, 0.3814,
0.3371

 0.0000, 1.0000,
0.0000


187.7370, 0.3765,


 0.0000, 0.0000,


0.3368


0.0000


229.9092, 0.3723,
0.3364


 25.0258, 0.4386,
0.3384


 25.0258, 0.4386,
0.3384


 20.9649, 0.4809,
0.3398


 30.0386, 0.4019,
0.3365


 17.7921, 0.5267,
0.3403

 36.0541, 0.3712,
0.3345


 15.4420, 0.5711,
0.3395

 43.1243, 0.3461,
0.3324


 13.8381, 0.6078,
0.3373

 51.2962, 0.3258,
0.3304


 12.8882, 0.6312,
0.3342

 60.6142, 0.3093,
0.3286

 12.7503, 0.6352,
0.3339

 71.1201, 0.2960,
0.3269

 82.8537, 0.2851,
0.3255

 91.1600, 0.2811,
0.3289

Harmonies

Analogous

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



25.0258, 0.3923, 0.2897



25.0258, 0.4386, 0.3384



25.0258, 0.4453, 0.3895

Triad

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



25.0258, 0.4386, 0.3384



25.0258, 0.2905, 0.4305



25.0258, 0.2148, 0.2267

Complementary

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



25.0258, 0.4386, 0.3384



45.8279, 0.2482, 0.3188

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.



25.0258, 0.1947, 0.2494



25.0258, 0.4386, 0.3384



25.0258, 0.2343, 0.3681

Square

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



25.0258, 0.4386, 0.3384



25.0258, 0.3562, 0.4535



25.0258, 0.2010, 0.2988



25.0258, 0.2597, 0.2283

Rectangle

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



25.0258, 0.4386, 0.3384



25.0258, 0.4276, 0.4205



25.0258, 0.2010, 0.2988



25.0258, 0.2052, 0.2314

Sweetspot

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



25.0271, 0.4386, 0.3384



78.5754, 0.3384, 0.3317



26.4508, 0.3250, 0.2207



16.1862, 0.3430, 0.3321



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.



25.0271, 0.4386, 0.3384



35.8598, 0.4811, 0.3398



38.3815, 0.4065, 0.3989



10.7585, 0.3288, 0.3307



8.0669, 0.6340, 0.3348



0.4260, 0.6138, 0.3508

Inverse Universe

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



45.8279, 0.2482, 0.3188



75.4838, 0.2386, 0.3164



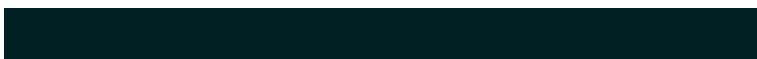
27.9723, 0.2347, 0.2454



11.9306, 0.2984, 0.3273



24.8982, 0.2184, 0.3064



1.2193, 0.2198, 0.3114

Previews

White Background



This preview shows how the Yxy color 25.0258, 0.4386, 0.3384 looks on a white background.

Color Contrast Check

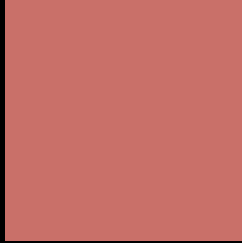
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0258, 0.4386, 0.3384 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 25.0258, 0.4386, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 25.0258, 0.4386, 0.3384.



This preview shows how white text looks on a background with the Yxy color 25.0258, 0.4386, 0.3384.

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

25.0258, 0.4386, 0.3384

Protanopia

25.1954, 0.3431, 0.3627

Deuteranopia

25.2286, 0.3850, 0.3779



Tritanopia

25.0164, 0.4233, 0.3189

Trichromacy



Original Color

25.0258, 0.4386, 0.3384

Protanomaly

24.6299, 0.3754, 0.3527

Deuteranomaly

24.9737, 0.4052, 0.3632

Tritanomaly

25.1177, 0.4296, 0.3268

Monochromacy



Original Color

25.0258, 0.4386, 0.3384

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7839, 0.3545, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0258, 0.4386, 0.3384 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(201, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 112, 105)  
}
```

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(201, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 112, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.0258, 0.4386, 0.3384 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(201, 112, 105) }
```

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

```
.border{ border-color:rgb(201, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 112,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0258, 0.4386, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 112, 105) }
```

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

```
.background{ background-color: rgb(201,  
112, 105) }
```

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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