

Converting Colors

$Y_{xy}(24.4359, 0.4292, 0.3346)$

Have a look what the booklet for
Yxy(24.4359, 0.4292, 0.3346)
contains.

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Color

Yxy(24.4068, 0.4288, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	C4706C
RGB	196, 112, 108
RGB Percent	77%, 44%, 42%
CMY	0.2313, 0.5608, 0.5765
CMYK	0.00, 0.43, 0.45, 0.23
HSL	3°, 43%, 60%
HSV	3°, 45%, 77%
XYZ	31.2687, 24.4068, 17.2459
YIQ	136.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

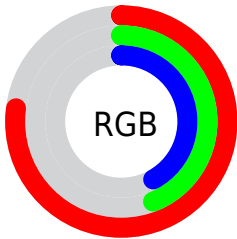
Format	Color
R _Y B	196, 112, 108
Decimal	12873836
CIE Lab	56.49, 32.70, 16.78
CIE LCh	56, 36.749, 27.162
Yxy	24.4068, 0.4288, 0.3347
Android (android.graphics.Color)	4291063916 (0xFFC4706C)
YUV	136.6600, -14.1294, 52.0412
Hunter-Lab	49.4032, 26.5220, 13.8850

Details

The Yxy color **24.4068, 0.4288, 0.3347** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8759, 0.2519, 0.3230**, and the grayscale version is **24.9211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6735, 0.4037, 0.3356**, and **9.2711, 0.4720, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **20.3284, 0.4704, 0.3357**, and if you desaturate by 10%, it is **29.4392, 0.3932, 0.3334**.

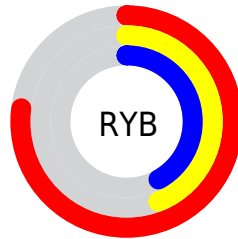
Distribution



Red (77%)

Green (44%)

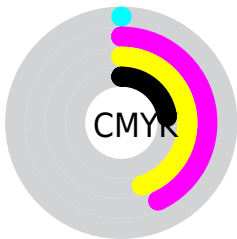
Blue (42%)



Red (77%)

Yellow (44%)

Blue (42%)

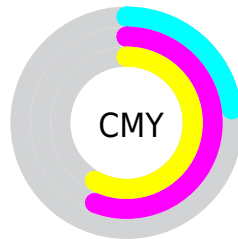


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (56%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4068, 0.4288, 0.3347 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 24.4068, 0.4288, 0.3347 by changing the saturation by 10% instead.


 24.4068, 0.4288,
0.3347


 24.4068, 0.4288,
0.3347


274.8707, 0.3640,
0.3339

 15.6357, 0.4474,
0.3338


 50.6932, 0.4035,
0.3351


 9.2667, 0.4728,
0.3318

 68.9773, 0.3945,
0.3350

 4.9156, 0.5093,
0.3274

 91.2012, 0.3871,
0.3349

 2.1978, 0.5654,
0.3170

 117.7492, 0.3810,
0.3347

 0.7188, 0.6975,
0.3025

149.0057, 0.3757,
0.3345

 0.0000, 1.0000,
0.0000


185.3552, 0.3713,


 0.0000, 0.0000,


0.3343


0.0000

227.1821, 0.3674,
0.3341

 24.4068, 0.4288,
0.3347

 24.4068, 0.4288,
0.3347

 20.3284, 0.4704,
0.3357


 29.4392, 0.3932,
0.3334


 17.1403, 0.5164,
0.3362

 35.4766, 0.3638,
0.3321


 14.7772, 0.5623,
0.3359


 42.5708, 0.3400,
0.3308


 13.1630, 0.6018,
0.3347


 50.7690, 0.3207,
0.3296

 12.2075, 0.6283,
0.3328

 60.1154, 0.3052,
0.3284

 11.9320, 0.6370,
0.3324

 70.6519, 0.2927,
0.3274

 82.4183, 0.2825,
0.3265

 90.4782, 0.2784,
0.3289

Harmonies

Analogous

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



24.4068, 0.3829, 0.2887



24.4068, 0.4288, 0.3347



24.4068, 0.4385, 0.3833

Triad

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



24.4068, 0.4288, 0.3347



24.4068, 0.2970, 0.4269



24.4068, 0.2176, 0.2330

Complementary

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



24.4068, 0.4288, 0.3347



44.8759, 0.2519, 0.3230

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.



24.4068, 0.2004, 0.2570



24.4068, 0.4288, 0.3347



24.4068, 0.2424, 0.3710

Square

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



24.4068, 0.4288, 0.3347



24.4068, 0.3590, 0.4457



24.4068, 0.2086, 0.3057



24.4068, 0.2587, 0.2327

Rectangle

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



24.4068, 0.4288, 0.3347



24.4068, 0.4240, 0.4129



24.4068, 0.2086, 0.3057



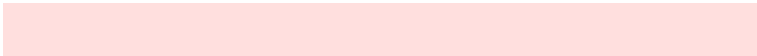
24.4068, 0.2092, 0.2383

Sweetspot

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



24.4080, 0.4288, 0.3347



79.4940, 0.3364, 0.3306



26.3141, 0.3209, 0.2236



16.3455, 0.3411, 0.3309



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.



24.4080, 0.4288, 0.3347



36.8601, 0.4702, 0.3357



36.2419, 0.4014, 0.3912



10.1498, 0.3288, 0.3301



7.6996, 0.6362, 0.3331



0.3586, 0.6222, 0.3441

Inverse Universe

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



44.8759, 0.2519, 0.3230



78.6049, 0.2422, 0.3215



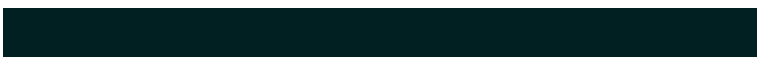
28.6897, 0.2403, 0.2563



11.3472, 0.2984, 0.3279



25.4517, 0.2208, 0.3149



1.1244, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 24.4068, 0.4288, 0.3347 looks on a white background.

Color Contrast Check

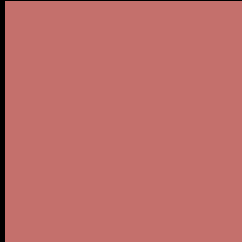
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4068, 0.4288, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

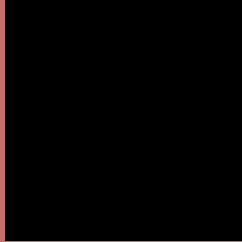
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4068, 0.4288, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 24.4068, 0.4288, 0.3347.



This preview shows how white text looks on a background with the Yxy color 24.4068, 0.4288, 0.3347.

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

24.4068, 0.4288, 0.3347

Protanopia

24.6910, 0.3377, 0.3580

Deuteranopia

24.4588, 0.3778, 0.3692



Tritanopia

24.3302, 0.4174, 0.3186

Trichromacy



Original Color

24.4068, 0.4288, 0.3347

Protanomaly

24.0979, 0.3697, 0.3482

Deuteranomaly

24.0908, 0.3966, 0.3549

Tritanomaly

24.4541, 0.4224, 0.3253

Monochromacy



Original Color

24.4068, 0.4288, 0.3347

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2138, 0.3511, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4068, 0.4288, 0.3347 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(196, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 108)  
}
```

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(196, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 108) }
```

Border

The CSS property to change the border of an element to Yxy 24.4068, 0.4288, 0.3347 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(196, 112, 108) }
```

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

```
.border{ border-color:rgb(196, 112, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4068, 0.4288, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 108) }
```

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

```
.background{ background-color: rgb(196,  
112, 108) }
```

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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