

Converting Colors

$Y_{xy}(24.9991, 0.4202, 0.3383)$

Have a look what the booklet for
Yxy(24.9991, 0.4202, 0.3383)
contains.

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Color

Yxy(24.9540, 0.4200, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	C1746E
RGB	193, 116, 110
RGB Percent	76%, 45%, 43%
CMY	0.2431, 0.5451, 0.5686
CMYK	0.00, 0.40, 0.43, 0.24
HSL	4°, 40%, 59%
HSV	4°, 43%, 76%
XYZ	31.0539, 24.9540, 17.9299
YIQ	138.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

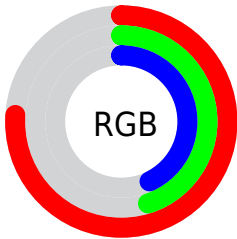
Format	Color
R_{YB}	193, 116, 110
Decimal	12678254
CIE _{Lab}	57.03, 29.59, 16.29
CIE _{LCh}	57, 33.775, 28.839
Yxy	24.9540, 0.4200, 0.3375
Android (android.graphics.Color)	4290868334 (0xFFC1746E)
YUV	138.3390, -13.9711, 47.9377
Hunter-Lab	49.9540, 23.5450, 13.6869

Details

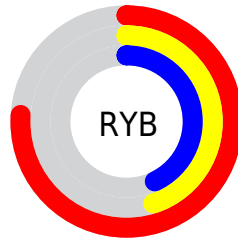
The Yxy color **24.9540, 0.4200, 0.3375** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.7081, 0.2535, 0.3200**, and the grayscale version is **25.5931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6800, 0.3965, 0.3367**, and **9.5626, 0.4623, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **20.8420, 0.4597, 0.3392**, and if you desaturate by 10%, it is **29.9555, 0.3863, 0.3355**.

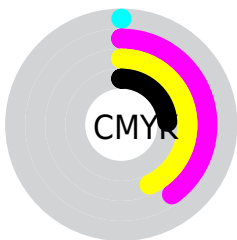
Distribution



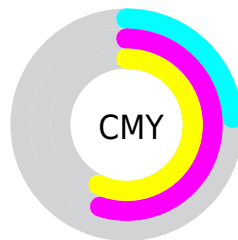
- Red (76%)
- Green (45%)
- Blue (43%)



- Red (76%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9540, 0.4200, 0.3375 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 24.9540, 0.4200, 0.3375 by changing the saturation by 10% instead.


 24.9540, 0.4200,
0.3375


 24.9540, 0.4200,
0.3375


277.6088, 0.3602,
0.3349


 16.0428, 0.4371,
0.3373


 51.5826, 0.3967,
0.3371


 9.5544, 0.4605,
0.3363


 70.0688, 0.3884,
0.3368

 5.1045, 0.4940,
0.3334

 92.5154, 0.3816,
0.3364

 2.3087, 0.5454,
0.3257

 119.3068, 0.3760,
0.3361

 0.7783, 0.6764,
0.3236

150.8275, 0.3711,
0.3358

 0.0000, 1.0000,
0.0000

187.4618, 0.3670,

 0.0000, 0.0000,

0.3355

0.0000

229.5941, 0.3634,
0.3352

■ 24.9540, 0.4200,
0.3375

■ 24.9540, 0.4200,
0.3375

■ 20.8420, 0.4597,
0.3392

■ 29.9555, 0.3863,
0.3355

■ 17.5640, 0.5040,
0.3401

■ 35.8906, 0.3585,
0.3334

■ 15.0640, 0.5497,
0.3400


■ 42.8046, 0.3358,
0.3314


■ 13.2773, 0.5910,
0.3385


■ 50.7391, 0.3175,
0.3295


■ 12.1292, 0.6213,
0.3357

■ 59.7331, 0.3027,
0.3278

 11.6519, 0.6350,
0.3340

 69.8236, 0.2906,
0.3262

 81.0458, 0.2807,
0.3248

 90.0788, 0.2768,
0.3289

Harmonies

Analogous

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



24.9540, 0.3798, 0.2944



24.9540, 0.4200, 0.3375



24.9540, 0.4273, 0.3823

Triad

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



24.9540, 0.4200, 0.3375



24.9540, 0.2957, 0.4154



24.9540, 0.2267, 0.2401

Complementary

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



24.9540, 0.4200, 0.3375



42.7081, 0.2535, 0.3200

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.



24.9540, 0.2094, 0.2615



24.9540, 0.4200, 0.3375



24.9540, 0.2461, 0.3640

Square

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



24.9540, 0.4200, 0.3375



24.9540, 0.3527, 0.4352



24.9540, 0.2158, 0.3053



24.9540, 0.2660, 0.2406

Rectangle

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



24.9540, 0.4200, 0.3375



24.9540, 0.4132, 0.4087



24.9540, 0.2158, 0.3053



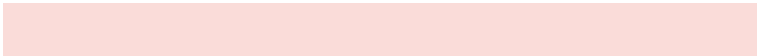
24.9540, 0.2184, 0.2447

Sweetspot

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



24.9552, 0.4200, 0.3375



76.3989, 0.3362, 0.3315



26.0978, 0.3236, 0.2308



15.7669, 0.3409, 0.3319



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9552, 0.4200, 0.3375



37.4540, 0.4588, 0.3391



36.5909, 0.3951, 0.3920



10.1923, 0.3287, 0.3307



7.7946, 0.6339, 0.3349



0.3779, 0.6126, 0.3518

Inverse Universe

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



42.7081, 0.2535, 0.3200



73.5002, 0.2433, 0.3177



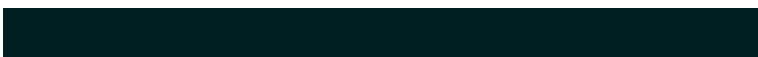
27.7133, 0.2428, 0.2555



11.2997, 0.2984, 0.3273



24.0648, 0.2185, 0.3065



1.0777, 0.2200, 0.3119

Previews

White Background



This preview shows how the Yxy color 24.9540, 0.4200, 0.3375 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 24.9540, 0.4200, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

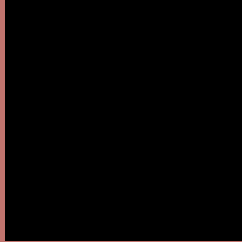
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9540, 0.4200, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 24.9540, 0.4200, 0.3375.



This preview shows how white text looks on a background with the Yxy color 24.9540, 0.4200, 0.3375.

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

24.9540, 0.4200, 0.3375

Protanopia

25.1767, 0.3387, 0.3577

Deuteranopia

25.1411, 0.3756, 0.3689



Tritanopia

24.9340, 0.4048, 0.3170

Trichromacy



Original Color

24.9540, 0.4200, 0.3375

Protanomaly

24.6429, 0.3676, 0.3497

Deuteranomaly

24.8887, 0.3924, 0.3564

Tritanomaly

25.0388, 0.4111, 0.3252

Monochromacy



Original Color

24.9540, 0.4200, 0.3375

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7929, 0.3482, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9540, 0.4200, 0.3375 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(193, 116, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 116, 110)  
}
```

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(193, 116, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 116, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.9540, 0.4200, 0.3375 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(193, 116, 110) }
```

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

```
.border{ border-color:rgb(193, 116, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 116, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 116, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 116, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 116,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9540, 0.4200, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 116, 110) }
```

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

```
.background{ background-color: rgb(193,  
116, 110) }
```

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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