

Converting Colors

$Y_{xy}(24.3051, 0.4615, 0.3679)$

Have a look what the booklet for
Yxy(24.3051, 0.4615, 0.3679)
contains.

Yxy(24.3051, 0.4615, 0.3679)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3051, 0.4615, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	C57153
RGB	197, 113, 83
RGB Percent	77%, 44%, 33%
CMY	0.2275, 0.5568, 0.6745
CMYK	0.00, 0.43, 0.58, 0.23
HSL	16°, 50%, 55%
HSV	16°, 58%, 77%
XYZ	30.4887, 24.3051, 11.2706
YIQ	134.6960, 59.6940, 8.4780

Conversions

Conversions Part 2

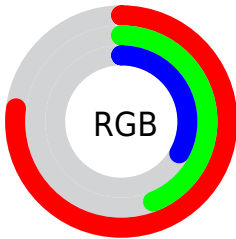
Format	Color
RYB	197, 124, 83
Decimal	12939603
CIELab	56.39, 30.24, 30.91
CIELCh	56, 43.238, 45.629
Yxy	24.3051, 0.4615, 0.3679
Android (android.graphics.Color)	4291129683 (0xFFC57153)
YUV	134.6960, -25.4861, 54.6406
Hunter-Lab	49.3002, 24.1144, 20.9558

Details

The Yxy color **24.3051, 0.4615, 0.3679** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **33.4981, 0.2312, 0.2820**, and the grayscale version is **24.1912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2259, 0.4280, 0.3637**, and **9.1776, 0.5148, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **21.0601, 0.4997, 0.3713**, and if you desaturate by 10%, it is **28.1568, 0.4261, 0.3623**.

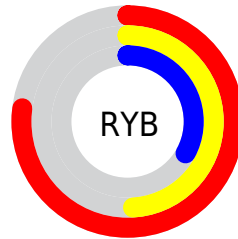
Distribution



Red (77%)

Green (44%)

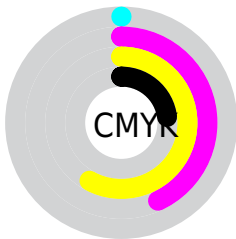
Blue (33%)



Red (77%)

Yellow (49%)

Blue (33%)

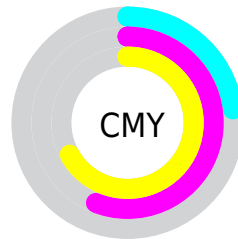


Cyan (0%)

Magenta (43%)

Yellow (58%)

Black (23%)



Cyan (23%)


Magenta (56%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3051, 0.4615, 0.3679 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 24.3051, 0.4615, 0.3679 by changing the saturation by 10% instead.


 24.3051, 0.4615,
0.3679


 24.3051, 0.4615,
0.3679


274.3594, 0.3792,
0.3514


 15.5601, 0.4842,
0.3700


 50.5276, 0.4299,
0.3631


 9.2134, 0.5140,
0.3710


 68.7739, 0.4185,
0.3609

 4.8806, 0.5544,
0.3685

 90.9561, 0.4091,
0.3589

 2.1774, 0.6312,
0.3688

 117.4586, 0.4012,
0.3571

 0.7076, 0.6864,
0.3136

 148.6658, 0.3944,
0.3554

 0.0000, 1.0000,
0.0000

184.9620, 0.3886,

 0.0000, 0.0000,

0.3540

0.0000

226.7318, 0.3836,
0.3526

■ 24.3051, 0.4615,
0.3679

■ 24.3051, 0.4615,
0.3679

■ 21.0601, 0.4997,
0.3713

■ 28.1568, 0.4261,
0.3623

■ 18.3861, 0.5380,
0.3713

■ 32.6411, 0.3947,
0.3555

■ 16.2488, 0.5727,
0.3672

■ 37.7868, 0.3677,
0.3483

■ 14.6062, 0.6002,
0.3592

■ 43.6197, 0.3448,
0.3410

■ 14.3108, 0.6055,
0.3574

■ 50.1643, 0.3256,
0.3341

■ 57.4439, 0.3095,
0.3277

■ 65.4806, 0.2961,
0.3217

■ 74.2955, 0.2847,
0.3163

■ 83.5635, 0.2780,
0.3168

Harmonies

Analogous

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



24.3051, 0.4331, 0.3129



24.3051, 0.4615, 0.3679



24.3051, 0.4436, 0.4217

Triad

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



24.3051, 0.4615, 0.3679



24.3051, 0.2519, 0.4085



24.3051, 0.2285, 0.2154

Complementary

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



24.3051, 0.4615, 0.3679



33.4981, 0.2312, 0.2820

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.



24.3051, 0.1923, 0.2247



24.3051, 0.4615, 0.3679



24.3051, 0.2033, 0.3288

Square

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



24.3051, 0.4615, 0.3679



24.3051, 0.3205, 0.4611



24.3051, 0.1835, 0.2621



24.3051, 0.2901, 0.2299

Rectangle

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



24.3051, 0.4615, 0.3679



24.3051, 0.4112, 0.4507



24.3051, 0.1835, 0.2621



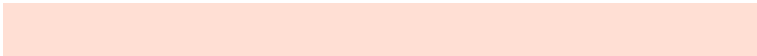
24.3051, 0.2134, 0.2156

Sweetspot

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



24.3064, 0.4615, 0.3679



78.8048, 0.3435, 0.3406



20.9014, 0.3546, 0.2231



16.3861, 0.3478, 0.3421



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.



24.3064, 0.4615, 0.3679



36.5870, 0.5082, 0.3716



40.6778, 0.4143, 0.4357



11.0835, 0.3283, 0.3351



9.5329, 0.6032, 0.3592



0.5737, 0.5609, 0.3928

Inverse Universe

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



33.4981, 0.2312, 0.2820



54.3271, 0.2188, 0.2701



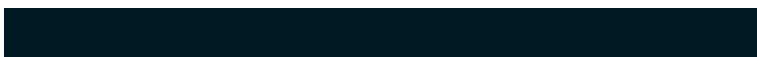
17.3493, 0.2110, 0.1888



11.5767, 0.2984, 0.3228



16.1408, 0.2006, 0.2421



0.8778, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 24.3051, 0.4615, 0.3679 looks on a white background.

Color Contrast Check

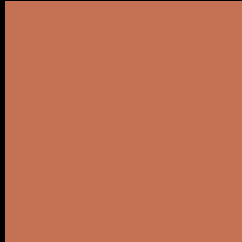
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3051, 0.4615, 0.3679 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 24.3051, 0.4615, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 24.3051, 0.4615, 0.3679.



This preview shows how white text looks on a background with the Yxy color 24.3051, 0.4615, 0.3679.

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

24.3051, 0.4615, 0.3679

Protanopia

24.5841, 0.3731, 0.4029

Deuteranopia

24.5438, 0.4123, 0.4057



Tritanopia

24.3403, 0.4231, 0.3201

Trichromacy



Original Color

24.3051, 0.4615, 0.3679

Protanomaly

24.1589, 0.4039, 0.3897

Deuteranomaly

24.3565, 0.4309, 0.3913

Tritanomaly

24.1571, 0.4379, 0.3373

Monochromacy



Original Color

24.3051, 0.4615, 0.3679

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7088, 0.3635, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3051, 0.4615, 0.3679 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(197, 113, 83)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 83)  
}
```

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(197, 113, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 83) }
```

Border

The CSS property to change the border of an element to Yxy 24.3051, 0.4615, 0.3679 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(197, 113, 83) }
```

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

```
.border{ border-color:rgb(197, 113, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 113, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 83);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3051, 0.4615, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 113, 83) }
```

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

```
.background{ background-color: rgb(197,  
113, 83) }
```

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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