

Converting Colors

$Y_{xy}(24.4369, 0.4550, 0.3621)$

Have a look what the booklet for
Yxy(24.4369, 0.4550, 0.3621)
contains.

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Color

Yxy(24.3852, 0.4554, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	C57158
RGB	197, 113, 88
RGB Percent	77%, 44%, 35%
CMY	0.2274, 0.5569, 0.6549
CMYK	0.00, 0.43, 0.55, 0.23
HSL	14°, 48%, 56%
HSV	14°, 55%, 77%
XYZ	30.6938, 24.3852, 12.3207
YIQ	135.2660, 58.0890, 10.0330

Conversions

Conversions Part 2

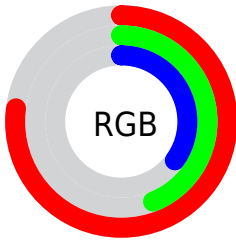
Format	Color
RYB	197, 120, 88
Decimal	12939608
CIELab	56.47, 30.66, 28.21
CIElCh	56, 41.667, 42.622
Yxy	24.3852, 0.4554, 0.3618
Android (android.graphics.Color)	4291129688 (0xFFC57158)
YUV	135.2660, -23.3021, 54.1407
Hunter-Lab	49.3814, 24.5322, 19.7741

Details

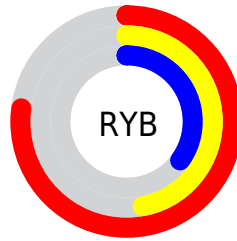
The Yxy color **24.3852, 0.4554, 0.3618** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.6117, 0.2353, 0.2904**, and the grayscale version is **24.4052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3674, 0.4233, 0.3586**, and **9.2111, 0.5067, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **20.9940, 0.4945, 0.3651**, and if you desaturate by 10%, it is **28.4338, 0.4197, 0.3567**.

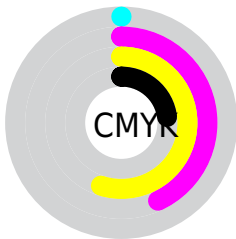
Distribution



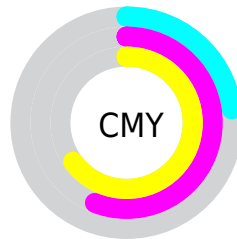
- Red (77%)
- Green (44%)
- Blue (35%)



- Red (77%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (23%)




- Cyan (23%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3852, 0.4554, 0.3618 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 24.3852, 0.4554, 0.3618 by changing the saturation by 10% instead.


 24.3852, 0.4554,
0.3618


 24.3852, 0.4554,
0.3618


274.7622, 0.3762,
0.3481


 15.6196, 0.4774,
0.3635


 50.6581, 0.4249,
0.3579

 9.2554, 0.5067,
0.3641


 68.9341, 0.4139,
0.3561


 4.9081, 0.5469,
0.3616


 91.1491, 0.4049,
0.3544

 2.1935, 0.6312,
0.3666

 117.6875, 0.3973,
0.3529

 0.7164, 0.6876,
0.3124

 148.9336, 0.3908,
0.3515

 0.0000, 1.0000,
0.0000

185.2718, 0.3853,

 0.0000, 0.0000,

0.3502

0.0000

227.0865, 0.3805,
0.3491

■ 24.3852, 0.4554,
0.3618

■ 24.3852, 0.4554,
0.3618

■ 20.9940, 0.4945,
0.3651

■ 28.4338, 0.4197,
0.3567

■ 18.2209, 0.5346,
0.3656

■ 33.1687, 0.3886,
0.3506

■ 16.0283, 0.5716,
0.3624

■ 38.6217, 0.3620,
0.3442

■ 14.3720, 0.6012,
0.3553

■ 44.8212, 0.3398,
0.3379

■ 13.7626, 0.6127,
0.3517

■ 51.7943, 0.3213,
0.3320

■ 59.5667, 0.3059,
0.3265

■ 68.1627, 0.2930,
0.3214

■ 77.6058, 0.2823,
0.3168

■ 87.2370, 0.2785,
0.3233

Harmonies

Analogous

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



24.3852, 0.4235, 0.3087



24.3852, 0.4554, 0.3618



24.3852, 0.4427, 0.4143

Triad

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



24.3852, 0.4554, 0.3618



24.3852, 0.2603, 0.4121



24.3852, 0.2266, 0.2188

Complementary

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



24.3852, 0.4554, 0.3618



35.6117, 0.2353, 0.2904

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.



24.3852, 0.1941, 0.2306



24.3852, 0.4554, 0.3618



24.3852, 0.2106, 0.3367

Square

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



24.3852, 0.4554, 0.3618



24.3852, 0.3277, 0.4580



24.3852, 0.1883, 0.2701



24.3852, 0.2842, 0.2307

Rectangle

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



24.3852, 0.4554, 0.3618



24.3852, 0.4136, 0.4432



24.3852, 0.1883, 0.2701



24.3852, 0.2129, 0.2199

Sweetspot

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



24.3865, 0.4554, 0.3618



78.0229, 0.3438, 0.3391



21.8823, 0.3474, 0.2230



16.2032, 0.3482, 0.3404



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.



24.3865, 0.4554, 0.3618



36.6879, 0.5012, 0.3655



39.8921, 0.4123, 0.4278



11.0252, 0.3284, 0.3344



9.1581, 0.6105, 0.3534



0.5475, 0.5690, 0.3864

Inverse Universe

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



35.6117, 0.2353, 0.2904



58.5460, 0.2234, 0.2807



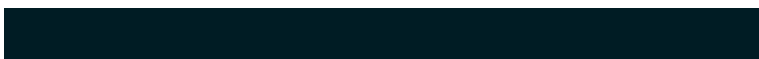
19.2719, 0.2168, 0.2020



11.6390, 0.2984, 0.3236



17.5131, 0.2039, 0.2540



0.9331, 0.2087, 0.2714

Previews

White Background



This preview shows how the Yxy color 24.3852, 0.4554, 0.3618 looks on a white background.

Color Contrast Check

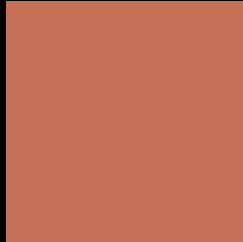
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3852, 0.4554, 0.3618 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 24.3852, 0.4554, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 24.3852, 0.4554, 0.3618.



This preview shows how white text looks on a background with the Yxy color 24.3852, 0.4554, 0.3618.

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

24.3852, 0.4554, 0.3618

Protanopia

24.5824, 0.3665, 0.3949

Deuteranopia

24.5137, 0.4057, 0.3989



Tritanopia

24.3637, 0.4217, 0.3188

Trichromacy



Original Color

24.3852, 0.4554, 0.3618

Protanomaly

24.2458, 0.3981, 0.3822

Deuteranomaly

24.3173, 0.4240, 0.3848

Tritanomaly

24.1982, 0.4351, 0.3346

Monochromacy



Original Color

24.3852, 0.4554, 0.3618

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7559, 0.3611, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3852, 0.4554, 0.3618 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 88) }
```

Border

The CSS property to change the border of an element to Yxy 24.3852, 0.4554, 0.3618 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, 88) }
```

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

```
.border{ border-color:rgb(197, 113, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 88);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3852, 0.4554, 0.3618 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, 88) }
```

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

```
.background{ background-color: rgb(197,  
113, 88) }
```

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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