

Converting Colors

$Y_{xy}(24.3332, 0.5072, 0.4330)$

Have a look what the booklet for
Yxy(24.3332, 0.5072, 0.4330)
contains.

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Color

Yxy(24.3075, 0.5074, 0.4327)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C17606 |
| RGB | 193, 118, 6 |
| RGB Percent | 76%, 46%, 2% |
| CMY | 0.2431, 0.5372, 0.9760 |
| CMYK | 0.00, 0.39, 0.97, 0.24 |
| HSL | 36°, 94%, 39% |
| HSV | 36°, 97%, 76% |
| XYZ | 28.5039, 24.3075, 3.3650 |
| YIQ | 127.6570, 80.6520, -18.9320 |

Conversions

Conversions Part 2

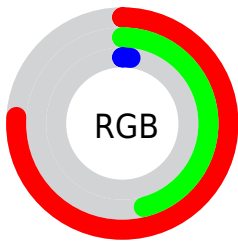
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 131, 193, 6 |
| Decimal | 12678662 |
| CIE _{Lab} | 56.39, 22.63, 62.05 |
| CIE _{LCh} | 56, 66.053, 69.963 |
| Yxy | 24.3075, 0.5074, 0.4327 |
| Android (android.graphics.Color) | 4290868742 (0xFFC17606) |
| YUV | 127.6570, -59.9769, 57.3058 |
| Hunter-Lab | 49.3026, 16.9185, 30.4652 |

Details

The Yxy color **24.3075, 0.5074, 0.4327** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **9.7909, 0.1707, 0.1321**, and the grayscale version is **21.6575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4516, 0.4738, 0.4214**, and **9.2428, 0.5314, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **23.7246, 0.5124, 0.4313**, and if you desaturate by 10%, it is **26.2671, 0.4907, 0.4355**.

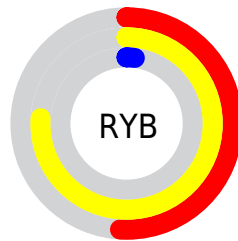
Distribution



Red (76%)

Green (46%)

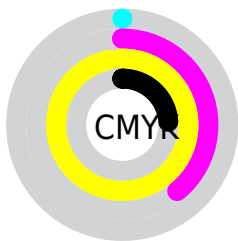
Blue (2%)



Red (51%)

Yellow (76%)

Blue (2%)

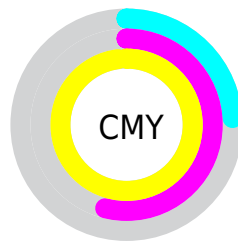


Cyan (0%)

Magenta (39%)

Yellow (97%)

Black (24%)



Cyan (24%)


Magenta (54%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3075, 0.5074, 0.4327 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 24.3075, 0.5074, 0.4327 by changing the saturation by 10% instead.


 24.3075, 0.5074,
0.4327


 24.3075, 0.5074,
0.4327


274.3714, 0.4086,
0.3908


 15.5619, 0.5281,
0.4360


 50.5315, 0.4735,
0.4220

 9.2147, 0.5574,
0.4403


 68.7787, 0.4599,
0.4164

 4.8815, 0.5743,
0.4257

 90.9619, 0.4482,
0.4112


 2.1779, 0.5987,
0.4013

 117.4655, 0.4381,
0.4063

 0.7079, 0.6451,
0.3549

 148.6738, 0.4292,
0.4019

 0.0000, 1.0000,
0.0000


 184.9713, 0.4215,

 0.0000, 0.0000,

0.3978

0.0000

 226.7424, 0.4147,
0.3941

 24.3075, 0.5074,
0.4327

 24.3075, 0.5074,
0.4327


 23.7246, 0.5124,
0.4313

 26.2671, 0.4907,
0.4355

 28.4354, 0.4708,
0.4330

 30.8281, 0.4486,
0.4258

 33.4566, 0.4253,
0.4148

 36.3312, 0.4022,
0.4011

■ 39.4612, 0.3800,
0.3858

■ 42.8552, 0.3592,
0.3700

■ 46.5212, 0.3403,
0.3542

■ 50.4669, 0.3233,
0.3390

Harmonies

Analogous

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



24.3075, 0.5319, 0.3565



24.3075, 0.5074, 0.4327



24.3075, 0.4315, 0.5078

Triad

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



24.3075, 0.5074, 0.4327



24.3075, 0.1632, 0.3463



24.3075, 0.2572, 0.1846

Complementary

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



24.3075, 0.5074, 0.4327



9.7909, 0.1707, 0.1321

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.



24.3075, 0.1797, 0.1697



24.3075, 0.5074, 0.4327



24.3075, 0.1338, 0.2393

Square

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



24.3075, 0.5074, 0.4327



24.3075, 0.2343, 0.4793



24.3075, 0.1401, 0.1848



24.3075, 0.3695, 0.2256

Rectangle

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



24.3075, 0.5074, 0.4327



24.3075, 0.3669, 0.5398



24.3075, 0.1401, 0.1848



24.3075, 0.2269, 0.1766

Sweetspot

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



24.3088, 0.5074, 0.4327



75.1140, 0.3645, 0.3742



12.1099, 0.5229, 0.2677



15.5527, 0.3734, 0.3810



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.



24.3088, 0.5074, 0.4327



41.9966, 0.5142, 0.4299



47.5495, 0.4046, 0.5153



11.0582, 0.3274, 0.3428



15.9400, 0.5109, 0.4325



0.8208, 0.4853, 0.4529

Inverse Universe

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



9.7909, 0.1707, 0.1321



16.0643, 0.1676, 0.1234



4.1501, 0.1544, 0.0640



10.3966, 0.2984, 0.3148



6.2805, 0.1690, 0.1285



0.4063, 0.1816, 0.1739

Previews

White Background



This preview shows how the Yxy color 24.3075, 0.5074, 0.4327 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 24.3075, 0.5074, 0.4327 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 24.3075, 0.5074, 0.4327

Background



This preview shows how black text looks on a background with the Yxy color 24.3075, 0.5074, 0.4327.



This preview shows how white text looks on a background with the Yxy color 24.3075, 0.5074, 0.4327.

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

24.3075, 0.5074, 0.4327

Protanopia

24.4151, 0.4367, 0.4840

Deuteranopia

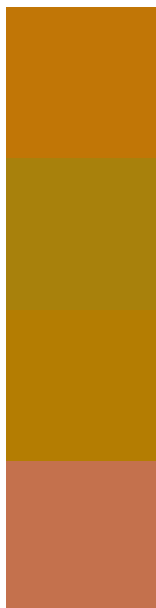
24.4712, 0.4714, 0.4639



Tritanopia

24.3302, 0.4174, 0.3186

Trichromacy



Original Color

24.3075, 0.5074, 0.4327

Protanomaly

24.0519, 0.4642, 0.4640

Deuteranomaly

24.3749, 0.4852, 0.4520

Tritanomaly

24.0818, 0.4676, 0.3752

Monochromacy



Original Color

24.3075, 0.5074, 0.4327

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.7308, 0.3961, 0.3957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3075, 0.5074, 0.4327 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, 118, 6)` looks like.

```
.text, #text, p{  
    color:rgb(193, 118, 6)  
}
```

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, 118, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 118, 6) }
```

Border

The CSS property to change the border of an element to Yxy 24.3075, 0.5074, 0.4327 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, 118, 6) }
```

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

```
.border{ border-color:rgb(193, 118, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 118, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 118, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 118, 6);  
box-shadow:4px 4px 4px 4px rgb(193, 118,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3075, 0.5074, 0.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 118, 6) }
```

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

```
.background{ background-color: rgb(193,  
118, 6) }
```

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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