

Converting Colors

$Y_{xy}(25.6818, 0.4854, 0.4191)$

Have a look what the booklet for
Yxy(25.6818, 0.4854, 0.4191)
contains.

Yxy(25.5779, 0.4857, 0.4185)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5779, 0.4857, 0.4185)

Conversions

Conversions Part 1

Format	Color
Hex	C27A2D
RGB	194, 122, 45
RGB Percent	76%, 48%, 18%
CMY	0.2391, 0.5216, 0.8235
CMYK	0.00, 0.37, 0.77, 0.24
HSL	31°, 62%, 47%
HSV	31°, 77%, 76%
XYZ	29.6850, 25.5779, 5.8551
YIQ	134.7500, 67.6290, -8.6830

Conversions

Conversions Part 2

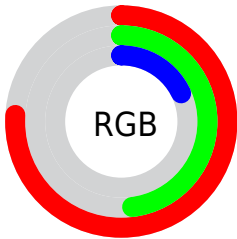
Format	Color
RYB	184, 194, 45
Decimal	12745261
CIELab	57.63, 21.85, 51.47
CIELCh	58, 55.911, 66.998
Yxy	25.5779, 0.4857, 0.4185
Android (android.graphics.Color)	4290935341 (0xFFC27A2D)
YUV	134.7500, -44.2467, 51.9622
Hunter-Lab	50.5746, 16.2660, 28.5381

Details

The Yxy color **25.5779, 0.4857, 0.4185** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **17.1825, 0.1957, 0.1956**, and the grayscale version is **24.2801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7645, 0.4528, 0.4071**, and **9.9160, 0.5254, 0.4210** is the 20% darker color. If you saturate the color by 10%, you get **23.2698, 0.5097, 0.4191**, and if you desaturate by 10%, it is **28.1795, 0.4595, 0.4130**.

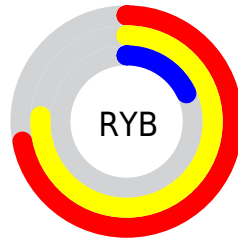
Distribution



Red (76%)

Green (48%)

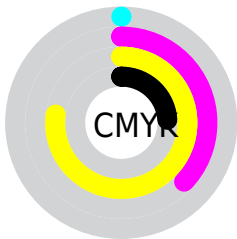
Blue (18%)



Red (72%)

Yellow (76%)

Blue (18%)

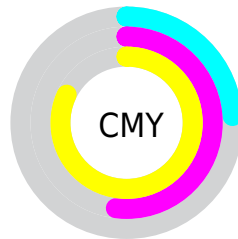


Cyan (0%)

Magenta (37%)

Yellow (77%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5779, 0.4857, 0.4185 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 25.5779, 0.4857, 0.4185 by changing the saturation by 10% instead.


 25.5779, 0.4857,
0.4185


 25.5779, 0.4857,
0.4185


280.7038, 0.3950,
0.3793


 16.5081, 0.5070,
0.4239


 52.5932, 0.4530,
0.4069


 9.8844, 0.5323,
0.4271


 71.3075, 0.4405,
0.4016


 5.3224, 0.5693,
0.4307

 94.0055, 0.4300,
0.3968

 2.4376, 0.5915,
0.4085

 121.0715, 0.4209,
0.3925

 0.8452, 0.6301,
0.3699

 152.8900, 0.4131,
0.3887

 0.0000, 1.0000,
0.0000

 189.8452, 0.4063,

 0.0000, 0.0000,

0.3852

0.0000

232.3217, 0.4003,
0.3821

■ 25.5779, 0.4857,
0.4185

■ 25.5779, 0.4857,
0.4185

■ 23.2698, 0.5097,
0.4191

■ 28.1795, 0.4595,
0.4130

■ 21.2338, 0.5301,
0.4144

■ 31.0851, 0.4329,
0.4037

■ 20.6331, 0.5363,
0.4124

■ 34.3087, 0.4069,
0.3918

■ 37.8625, 0.3827,
0.3784

■ 41.7574, 0.3606,
0.3646

■ 46.0040, 0.3408,
0.3508

■ 50.6122, 0.3234,
0.3376

■ 55.5914, 0.3080,
0.3251

■ 60.9507, 0.2946,
0.3135

Harmonies

Analogous

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



25.5779, 0.4962, 0.3517



25.5779, 0.4857, 0.4185



25.5779, 0.4272, 0.4797

Triad

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



25.5779, 0.4857, 0.4185



25.5779, 0.1902, 0.3562



25.5779, 0.2585, 0.2010

Complementary

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



25.5779, 0.4857, 0.4185



17.1825, 0.1957, 0.1956

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.



25.5779, 0.1931, 0.1907



25.5779, 0.4857, 0.4185



25.5779, 0.1584, 0.2627

Square

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



25.5779, 0.4857, 0.4185



25.5779, 0.2568, 0.4594



25.5779, 0.1602, 0.2088



25.5779, 0.3514, 0.2356

Rectangle

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



25.5779, 0.4857, 0.4185



25.5779, 0.3730, 0.5039



25.5779, 0.1602, 0.2088



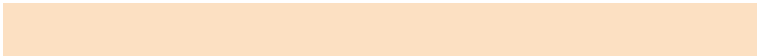
25.5779, 0.2331, 0.1947

Sweetspot

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



25.5792, 0.4857, 0.4185



78.2112, 0.3535, 0.3598



14.6338, 0.4452, 0.2467



16.5246, 0.3611, 0.3649



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.



25.5792, 0.4857, 0.4185



39.6441, 0.5237, 0.4165



49.9273, 0.4088, 0.4931



10.9193, 0.3276, 0.3409



13.7278, 0.5343, 0.4139



0.7307, 0.5020, 0.4396

Inverse Universe

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



17.1825, 0.1957, 0.1956



23.8326, 0.1801, 0.1635



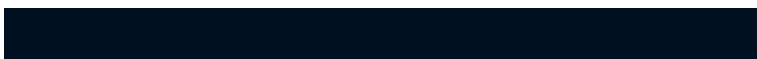
6.3888, 0.1698, 0.0914



10.5334, 0.2984, 0.3168



7.9595, 0.1761, 0.1540



0.4819, 0.1877, 0.1957

Previews

White Background



This preview shows how the Yxy color 25.5779, 0.4857, 0.4185 looks on a white background.

Color Contrast Check

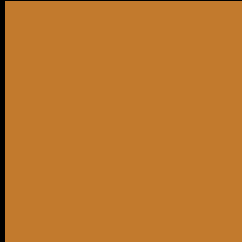
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5779, 0.4857, 0.4185 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 25.5779, 0.4857, 0.4185

Background



This preview shows how black text looks on a background with the Yxy color 25.5779, 0.4857, 0.4185.



This preview shows how white text looks on a background with the Yxy color 25.5779, 0.4857, 0.4185.

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

25.5779, 0.4857, 0.4185

Protanopia

25.6641, 0.4185, 0.4605

Deuteranopia

25.6684, 0.4539, 0.4459



Tritanopia

25.4705, 0.4096, 0.3173

Trichromacy



Original Color

25.5779, 0.4857, 0.4185

Protanomaly

25.4235, 0.4430, 0.4454

Deuteranomaly

25.4365, 0.4659, 0.4355

Tritanomaly

25.4191, 0.4433, 0.3583

Monochromacy



Original Color

25.5779, 0.4857, 0.4185

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9925, 0.3763, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5779, 0.4857, 0.4185 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(194, 122, 45)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 45)  
}
```

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(194, 122, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 45) }
```

Border

The CSS property to change the border of an element to Yxy 25.5779, 0.4857, 0.4185 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(194, 122, 45) }
```

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

```
.border{ border-color:rgb(194, 122, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 45);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5779, 0.4857, 0.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 45) }
```

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

```
.background{ background-color: rgb(194,  
122, 45) }
```

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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