

Converting Colors

$Y_{xy}(25.2118, 0.4745, 0.4478)$

Have a look what the booklet for
Yxy(25.2118, 0.4745, 0.4478)
contains.

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Color

$Y_{xy}(25.2118, 0.4745, 0.4478)$

Conversions

Conversions Part 1

Format	Color
Hex	B48019
RGB	180, 128, 25
RGB Percent	71%, 50%, 10%
CMY	0.2942, 0.4980, 0.9022
CMYK	0.00, 0.29, 0.86, 0.29
HSL	40°, 76%, 40%
HSV	40°, 86%, 71%
XYZ	26.7150, 25.2118, 4.3746
YIQ	131.8060, 64.0550, -21.0090

Conversions

Conversions Part 2

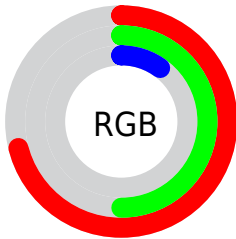
Format	Color
R _Y B	103, 180, 25
Decimal	11829273
CIE Lab	57.28, 11.66, 57.85
CIE LCh	57, 59.010, 78.607
Yxy	25.2118, 0.4745, 0.4478
Android (android.graphics.Color)	4290019353 (0xFFB48019)
YUV	131.8060, -52.6554, 42.2661
Hunter-Lab	50.2114, 7.1014, 29.9824

Details

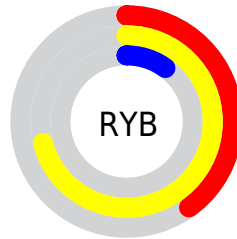
The Yxy color **25.2118, 0.4745, 0.4478** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.7982, 0.1753, 0.1367**, and the grayscale version is **23.1754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1522, 0.4460, 0.4315**, and **9.7295, 0.4951, 0.4451** is the 20% darker color. If you saturate the color by 10%, you get **23.6305, 0.4885, 0.4472**, and if you desaturate by 10%, it is **26.9386, 0.4575, 0.4435**.

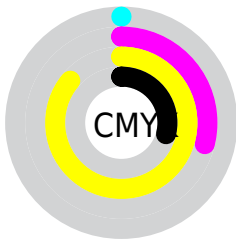
Distribution



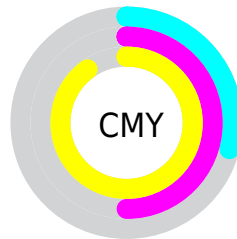
- Red (71%)
- Green (50%)
- Blue (10%)



- Red (40%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (29%)
- Yellow (86%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2118, 0.4745, 0.4478 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 25.2118, 0.4745, 0.4478 by changing the saturation by 10% instead.


 25.2118, 0.4745,
0.4478


 25.2118, 0.4745,
0.4478


278.8911, 0.3924,
0.3930


 16.2349, 0.4919,
0.4565


 52.0006, 0.4461,
0.4308

 9.6905, 0.5131,
0.4653


 70.5813, 0.4348,
0.4233


 5.1943, 0.5327,
0.4673

 93.1321, 0.4251,
0.4167

 2.3617, 0.5458,
0.4542

 120.0374, 0.4167,
0.4108

 0.8061, 0.5700,
0.4300

 151.6816, 0.4094,
0.4056

 0.0000, 0.0000,
0.0000

 188.4489, 0.4030,

0.4009

230.7240, 0.3974,
0.3967

25.2118, 0.4745,
0.4478

25.2118, 0.4745,
0.4478

23.6305, 0.4885,
0.4472

26.9386, 0.4575,
0.4435

23.0504, 0.4936,
0.4463

28.8177, 0.4381,
0.4346

30.8585, 0.4175,
0.4220

33.0685, 0.3965,
0.4069

35.4544, 0.3760,
0.3902

■ 38.0224, 0.3566,
0.3729

■ 40.7781, 0.3385,
0.3556

■ 43.7270, 0.3221,
0.3389

■ 46.8743, 0.3072,
0.3230

Harmonies

Analogous

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



25.2118, 0.5094, 0.3779



25.2118, 0.4745, 0.4478



25.2118, 0.3994, 0.5053

Triad

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



25.2118, 0.4745, 0.4478



25.2118, 0.1665, 0.3143



25.2118, 0.2905, 0.2062

Complementary

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



25.2118, 0.4745, 0.4478



8.7982, 0.1753, 0.1367

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.



25.2118, 0.2094, 0.1852



25.2118, 0.4745, 0.4478



25.2118, 0.1481, 0.2314

Square

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



25.2118, 0.4745, 0.4478



25.2118, 0.2221, 0.4287



25.2118, 0.1626, 0.1915



25.2118, 0.3942, 0.2504

Rectangle

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



25.2118, 0.4745, 0.4478



25.2118, 0.3388, 0.5170



25.2118, 0.1626, 0.1915



25.2118, 0.2598, 0.1964

Sweetspot

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



25.2131, 0.4745, 0.4478



68.8040, 0.3572, 0.3734



10.9627, 0.5144, 0.2740



14.5212, 0.3636, 0.3793



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.2131, 0.4745, 0.4478



41.3535, 0.4951, 0.4450



39.8502, 0.3931, 0.5162



9.4171, 0.3271, 0.3441



16.2172, 0.4925, 0.4472



0.6125, 0.4675, 0.4670

Inverse Universe

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



8.7982, 0.1753, 0.1367



11.5170, 0.1627, 0.1058



4.6211, 0.1692, 0.0797



8.6803, 0.2985, 0.3134



4.6934, 0.1642, 0.1109



0.2580, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 25.2118, 0.4745, 0.4478 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 25.2118, 0.4745, 0.4478 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 25.2118, 0.4745, 0.4478

Background



This preview shows how black text looks on a background with the Yxy color 25.2118, 0.4745, 0.4478.



This preview shows how white text looks on a background with the Yxy color 25.2118, 0.4745, 0.4478.

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

25.2118, 0.4745, 0.4478

Protanopia

25.2294, 0.4320, 0.4777

Deuteranopia

25.2931, 0.4647, 0.4569



Tritanopia

25.1913, 0.3862, 0.3165

Trichromacy



Original Color

25.2118, 0.4745, 0.4478

Protanomaly

25.0218, 0.4479, 0.4664

Deuteranomaly

25.2613, 0.4679, 0.4537

Tritanomaly

24.8647, 0.4292, 0.3730

Monochromacy



Original Color

25.2118, 0.4745, 0.4478

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4125, 0.3774, 0.3929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2118, 0.4745, 0.4478 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(180, 128, 25)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 25)  
}
```

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(180, 128, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 25) }
```

Border

The CSS property to change the border of an element to Yxy 25.2118, 0.4745, 0.4478 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(180, 128, 25) }
```

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

```
.border{ border-color:rgb(180, 128, 25) }
```

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

Here you see how a box with a 4 pixel rgb(180, 128, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 25);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2118, 0.4745, 0.4478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 25) }
```

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

```
.background{ background-color: rgb(180,  
128, 25) }
```

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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