

Converting Colors

$Y_{xy}(26.4785, 0.4769, 0.4502)$

Have a look what the booklet for
Yxy(26.4785, 0.4769, 0.4502)
contains.

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Color

$\text{Yxy}(26.4735, 0.4765, 0.4504)$

Conversions

Conversions Part 1

Format	Color
Hex	B88314
RGB	184, 131, 20
RGB Percent	72%, 51%, 8%
CMY	0.2785, 0.4862, 0.9215
CMYK	0.00, 0.29, 0.89, 0.28
HSL	41°, 80%, 40%
HSV	41°, 89%, 72%
XYZ	28.0076, 26.4735, 4.2967
YIQ	134.1930, 67.2190, -23.2850

Conversions

Conversions Part 2

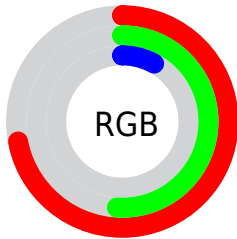
Format	Color
R_{YB}	98, 184, 20
Decimal	12092180
CIE _{Lab}	58.48, 11.67, 60.33
CIE _{LCh}	58, 61.448, 79.050
Yxy	26.4735, 0.4765, 0.4504
Android (android.graphics.Color)	4290282260 (0xFFB88314)
YUV	134.1930, -56.2971, 43.6807
Hunter-Lab	51.4524, 7.1230, 31.0655

Details

The Yxy color **26.4735, 0.4765, 0.4504** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.3748, 0.1714, 0.1268**, and the grayscale version is **24.1095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0641, 0.4481, 0.4339**, and **10.4702, 0.4945, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **24.8763, 0.4893, 0.4489**, and if you desaturate by 10%, it is **28.2101, 0.4609, 0.4474**.

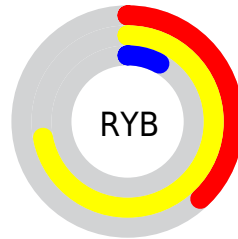
Distribution



Red (72%)

Green (51%)

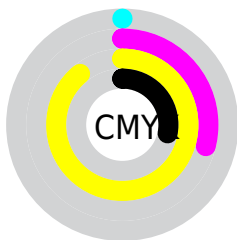
Blue (8%)



Red (38%)

Yellow (72%)

Blue (8%)

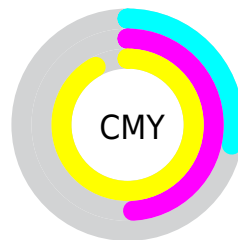


Cyan (0%)

Magenta (29%)

Yellow (89%)

Black (28%)



Cyan (28%)


Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4735, 0.4765, 0.4504 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 26.4735, 0.4765, 0.4504 by changing the saturation by 10% instead.


 26.4735, 0.4765,
0.4504


 26.4735, 0.4765,
0.4504


285.0988, 0.3946,
0.3953


 17.1782, 0.4934,
0.4588


 54.0378, 0.4486,
0.4336

 10.3616, 0.5137,
0.4673


 73.0757, 0.4373,
0.4261

 5.6394, 0.5316,
0.4684

 96.1298, 0.4276,
0.4195

 2.6271, 0.5439,
0.4561

 123.5846, 0.4192,
0.4135

 0.9403, 0.5656,
0.4344

 155.8245, 0.4119,
0.4082


 0.0000, 1.0000,
0.0000


 193.2339, 0.4054,

 0.0000, 0.0000,


0.4034


0.0000


 236.1972, 0.3997,
0.3992


 26.4735, 0.4765,
0.4504


 26.4735, 0.4765,
0.4504


 24.8763, 0.4893,
0.4489


 28.2101, 0.4609,
0.4474

 24.7395, 0.4905,
0.4488

 30.0974, 0.4427,
0.4396

 32.1457, 0.4228,
0.4278

 34.3628, 0.4021,
0.4131

 36.7560, 0.3817,
0.3965

■ 39.3317, 0.3621,
0.3789

■ 42.0959, 0.3437,
0.3613

■ 45.0543, 0.3268,
0.3440

■ 48.2121, 0.3114,
0.3276

Harmonies

Analogous

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



26.4735, 0.5135, 0.3790



26.4735, 0.4765, 0.4504



26.4735, 0.3992, 0.5096

Triad

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



26.4735, 0.4765, 0.4504



26.4735, 0.1630, 0.3120



26.4735, 0.2912, 0.2044

Complementary

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



26.4735, 0.4765, 0.4504



8.3748, 0.1714, 0.1268

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.



26.4735, 0.2082, 0.1826



26.4735, 0.4765, 0.4504



26.4735, 0.1451, 0.2281

Square

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



26.4735, 0.4765, 0.4504



26.4735, 0.2187, 0.4297



26.4735, 0.1602, 0.1884



26.4735, 0.3976, 0.2496

Rectangle

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



26.4735, 0.4765, 0.4504



26.4735, 0.3373, 0.5217



26.4735, 0.1602, 0.1884



26.4735, 0.2598, 0.1943

Sweetspot

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



26.4748, 0.4765, 0.4504



72.1202, 0.3589, 0.3760



11.1937, 0.5304, 0.2791



15.1951, 0.3654, 0.3820



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.4748, 0.4765, 0.4504



44.4023, 0.4919, 0.4476



41.4599, 0.3908, 0.5209



10.0008, 0.3271, 0.3444



17.1857, 0.4894, 0.4496



0.7129, 0.4672, 0.4672

Inverse Universe

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



8.3748, 0.1714, 0.1268



11.6441, 0.1618, 0.1026



4.5743, 0.1672, 0.0758



9.1806, 0.2985, 0.3131



4.6885, 0.1632, 0.1076



0.2808, 0.1785, 0.1624

Previews

White Background



This preview shows how the Yxy color 26.4735, 0.4765, 0.4504 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 26.4735, 0.4765, 0.4504 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 26.4735, 0.4765, 0.4504

Background



This preview shows how black text looks on a background with the Yxy color 26.4735, 0.4765, 0.4504.



This preview shows how white text looks on a background with the Yxy color 26.4735, 0.4765, 0.4504.

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

26.4735, 0.4765, 0.4504

Protanopia

26.4825, 0.4350, 0.4805

Deuteranopia

26.5588, 0.4668, 0.4593



Tritanopia

26.5049, 0.3859, 0.3167

Trichromacy



Original Color

26.4735, 0.4765, 0.4504

Protanomaly

26.2741, 0.4506, 0.4691

Deuteranomaly

26.5254, 0.4700, 0.4562

Tritanomaly

26.1139, 0.4315, 0.3761

Monochromacy



Original Color

26.4735, 0.4765, 0.4504

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2408, 0.3799, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4735, 0.4765, 0.4504 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(184, 131, 20)` looks like.

```
.text, #text, p{  
    color:rgb(184, 131, 20)  
}
```

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(184, 131, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 131, 20) }
```

Border

The CSS property to change the border of an element to Yxy 26.4735, 0.4765, 0.4504 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(184, 131, 20) }
```

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

```
.border{ border-color:rgb(184, 131, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 131, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 131, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 131, 20);  
box-shadow:4px 4px 4px 4px rgb(184, 131,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4735, 0.4765, 0.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 131, 20) }
```

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

```
.background{ background-color: rgb(184,  
131, 20) }
```

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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