

Converting Colors

$Y_{xy}(25.9610, 0.4774, 0.4314)$

Have a look what the booklet for
Yxy(25.9610, 0.4774, 0.4314)
contains.

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Color

Yxy(26.0233, 0.4765, 0.4319)

Conversions

Conversions Part 1

Format	Color
Hex	BC7F28
RGB	188, 127, 40
RGB Percent	74%, 50%, 16%
CMY	0.2628, 0.5019, 0.8430
CMYK	0.00, 0.32, 0.79, 0.26
HSL	35°, 65%, 45%
HSV	35°, 79%, 74%
XYZ	28.7106, 26.0233, 5.5192
YIQ	135.3210, 64.2830, -14.1250

Conversions

Conversions Part 2

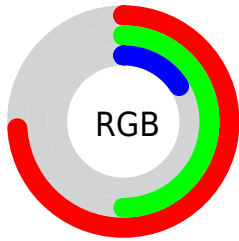
Format	Color
RYB	144, 188, 40
Decimal	12353320
CIELab	58.06, 16.26, 53.67
CIELCh	58, 56.081, 73.142
Yxy	26.0233, 0.4765, 0.4319
Android (android.graphics.Color)	4290543400 (0xFFBC7F28)
YUV	135.3210, -46.9933, 46.1995
Hunter-Lab	51.0130, 11.1886, 29.2944

Details

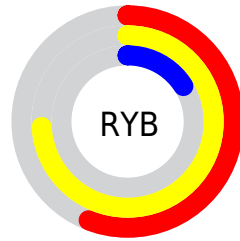
The Yxy color **26.0233, 0.4765, 0.4319** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **13.3915, 0.1888, 0.1730**, and the grayscale version is **24.5160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3717, 0.4459, 0.4177**, and **10.1946, 0.5085, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **24.0010, 0.4964, 0.4332**, and if you desaturate by 10%, it is **28.2644, 0.4541, 0.4257**.

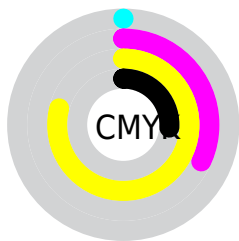
Distribution



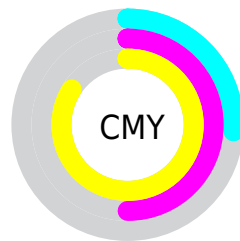
- Red (74%)
- Green (50%)
- Blue (16%)



- Red (56%)
- Yellow (74%)
- Blue (16%)



- Cyan (0%)
- Magenta (32%)
- Yellow (79%)
- Black (26%)





- Cyan (26%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0233, 0.4765, 0.4319 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 26.0233, 0.4765, 0.4319 by changing the saturation by 10% instead.


 26.0233, 0.4765,
0.4319


 26.0233, 0.4765,
0.4319


282.8964, 0.3919,
0.3851


 16.8411, 0.4957,
0.4393


 53.3125, 0.4464,
0.4174

 10.1212, 0.5181,
0.4452


 72.1883, 0.4348,
0.4111

 5.4794, 0.5488,
0.4512


 95.0641, 0.4249,
0.4054

 2.5312, 0.5657,
0.4343

 122.3242, 0.4164,
0.4004

 0.8922, 0.5954,
0.4046

 154.3532, 0.4090,
0.3959

 0.0000, 1.0000,
0.0000

 191.5352, 0.4025,

 0.0000, 0.0000,

0.3919

0.0000

234.2549, 0.3969,
0.3883

■ 26.0233, 0.4765,
0.4319

■ 26.0233, 0.4765,
0.4319

■ 24.0010, 0.4964,
0.4332

■ 28.2644, 0.4541,
0.4257

■ 22.1766, 0.5132,
0.4296

■ 30.7315, 0.4305,
0.4155

■ 21.9531, 0.5153,
0.4290

■ 33.4361, 0.4070,
0.4024

■ 36.3873, 0.3843,
0.3876

■ 39.5934, 0.3631,
0.3721

■ 43.0625, 0.3438,
0.3566

■ 46.8019, 0.3263,
0.3415

■ 50.8188, 0.3108,
0.3272

■ 55.1199, 0.2971,
0.3138

Harmonies

Analogous

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



26.0233, 0.4985, 0.3653



26.0233, 0.4765, 0.4319



26.0233, 0.4112, 0.4890

Triad

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



26.0233, 0.4765, 0.4319



26.0233, 0.1811, 0.3344



26.0233, 0.2758, 0.2065

Complementary

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



26.0233, 0.4765, 0.4319



13.3915, 0.1888, 0.1730

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.



26.0233, 0.2041, 0.1909



26.0233, 0.4765, 0.4319



26.0233, 0.1565, 0.2485

Square

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



26.0233, 0.4765, 0.4319



26.0233, 0.2410, 0.4404



26.0233, 0.1647, 0.2027



26.0233, 0.3718, 0.2454

Rectangle

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



26.0233, 0.4765, 0.4319



26.0233, 0.3551, 0.5058



26.0233, 0.1647, 0.2027



26.0233, 0.2484, 0.1985

Sweetspot

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



26.0246, 0.4765, 0.4319



74.4179, 0.3545, 0.3654



13.1627, 0.4700, 0.2591



15.5301, 0.3616, 0.3710



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.0246, 0.4765, 0.4319



41.2098, 0.5080, 0.4310



45.3078, 0.4006, 0.5015



10.4432, 0.3274, 0.3425



15.0972, 0.5138, 0.4302



0.7174, 0.4855, 0.4527

Inverse Universe

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



13.3915, 0.1888, 0.1730



17.7298, 0.1727, 0.1381



5.8893, 0.1727, 0.0902



9.8539, 0.2984, 0.3152



6.2712, 0.1700, 0.1319



0.3749, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 26.0233, 0.4765, 0.4319 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 26.0233, 0.4765, 0.4319 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 26.0233, 0.4765, 0.4319

Background



This preview shows how black text looks on a background with the Yxy color 26.0233, 0.4765, 0.4319.



This preview shows how white text looks on a background with the Yxy color 26.0233, 0.4765, 0.4319.

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

26.0233, 0.4765, 0.4319

Protanopia

26.0987, 0.4244, 0.4670

Deuteranopia

26.1451, 0.4573, 0.4487



Tritanopia

26.0896, 0.3946, 0.3169

Trichromacy



Original Color

26.0233, 0.4765, 0.4319

Protanomaly

25.8199, 0.4435, 0.4538

Deuteranomaly

26.0824, 0.4636, 0.4428

Tritanomaly

25.8400, 0.4313, 0.3648

Monochromacy



Original Color

26.0233, 0.4765, 0.4319

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2927, 0.3751, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0233, 0.4765, 0.4319 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(188, 127, 40)` looks like.

```
.text, #text, p{  
    color:rgb(188, 127, 40)  
}
```

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(188, 127, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 127, 40) }
```

Border

The CSS property to change the border of an element to Yxy 26.0233, 0.4765, 0.4319 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(188, 127, 40) }
```

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

```
.border{ border-color:rgb(188, 127, 40) }
```

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

Here you see how a box with a 4 pixel rgb(188, 127, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 127, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 127, 40);  
box-shadow:4px 4px 4px 4px rgb(188, 127,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0233, 0.4765, 0.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 127, 40) }
```

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

```
.background{ background-color: rgb(188,  
127, 40) }
```

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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