

Converting Colors

$Yxy(26.5881, 0.4806, 0.4420)$

Have a look what the booklet for
Yxy(26.5881, 0.4806, 0.4420)
contains.

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Color

Yxy(26.4710, 0.4807, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	BC811B
RGB	188, 129, 27
RGB Percent	74%, 51%, 11%
CMY	0.2627, 0.4941, 0.8941
CMYK	0.00, 0.31, 0.86, 0.26
HSL	38°, 75%, 42%
HSV	38°, 86%, 74%
XYZ	28.7887, 26.4710, 4.6294
YIQ	135.0130, 67.9060, -19.2140

Conversions

Conversions Part 2

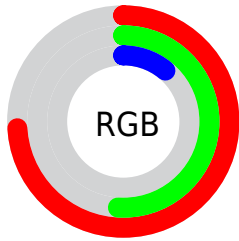
Format	Color
R_{YB}	120, 188, 27
Decimal	12353819
CIE _{Lab}	58.48, 14.75, 58.61
CIE _{LCh}	58, 60.438, 75.877
Yxy	26.4710, 0.4807, 0.4420
Android (android.graphics.Color)	4290543899 (0xFFBC811B)
YUV	135.0130, -53.2504, 46.4696
Hunter-Lab	51.4500, 9.8418, 30.6801

Details

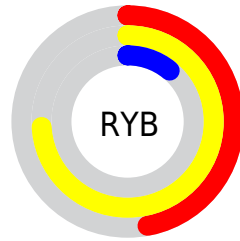
The Yxy color **26.4710, 0.4807, 0.4420** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.5228, 0.1778, 0.1455**, and the grayscale version is **24.4175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2048, 0.4515, 0.4270**, and **10.4044, 0.5029, 0.4389** is the 20% darker color. If you saturate the color by 10%, you get **24.6566, 0.4962, 0.4407**, and if you desaturate by 10%, it is **28.4660, 0.4621, 0.4382**.

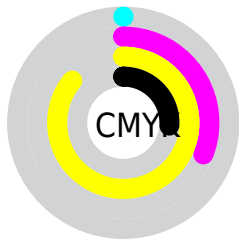
Distribution



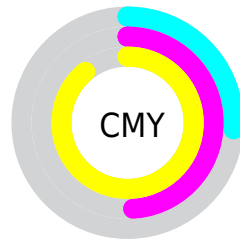
- Red (74%)
- Green (51%)
- Blue (11%)



- Red (47%)
- Yellow (74%)
- Blue (11%)



- Cyan (0%)
- Magenta (31%)
- Yellow (86%)
- Black (26%)





- Cyan (26%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4710, 0.4807, 0.4420 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 26.4710, 0.4807, 0.4420 by changing the saturation by 10% instead.


 26.4710, 0.4807,
0.4420


 26.4710, 0.4807,
0.4420


285.0866, 0.3958,
0.3914


 17.1763, 0.4988,
0.4494


 54.0338, 0.4513,
0.4268

 10.3603, 0.5202,
0.4560


 73.0708, 0.4397,
0.4199


 5.6385, 0.5428,
0.4572

 96.1239, 0.4296,
0.4138

 2.6265, 0.5580,
0.4420

 123.5776, 0.4210,
0.4083

 0.9400, 0.5846,
0.4154

 155.8164, 0.4134,
0.4034

 0.0000, 1.0000,
0.0000

 193.2245, 0.4068,

 0.0000, 0.0000,

0.3990

0.0000

236.1865, 0.4009,
0.3950

26.4710, 0.4807,
0.4420

26.4710, 0.4807,
0.4420

24.6566, 0.4962,
0.4407

28.4660, 0.4621,
0.4382

23.9101, 0.5024,
0.4393

30.6492, 0.4413,
0.4297

33.0318, 0.4194,
0.4176

35.6225, 0.3974,
0.4029

38.4293, 0.3762,
0.3868

■ 41.4594, 0.3563,
0.3702

■ 44.7198, 0.3379,
0.3536

■ 48.2169, 0.3213,
0.3376

■ 51.9569, 0.3064,
0.3225

Harmonies

Analogous

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



26.4710, 0.5110, 0.3716



26.4710, 0.4807, 0.4420



26.4710, 0.4077, 0.5026

Triad

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



26.4710, 0.4807, 0.4420



26.4710, 0.1690, 0.3238



26.4710, 0.2815, 0.2025

Complementary

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



26.4710, 0.4807, 0.4420



10.5228, 0.1778, 0.1455

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.



26.4710, 0.2030, 0.1837



26.4710, 0.4807, 0.4420



26.4710, 0.1474, 0.2364

Square

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



26.4710, 0.4807, 0.4420



26.4710, 0.2283, 0.4397



26.4710, 0.1591, 0.1927



26.4710, 0.3852, 0.2451

Rectangle

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



26.4710, 0.4807, 0.4420



26.4710, 0.3473, 0.5189



26.4710, 0.1591, 0.1927



26.4710, 0.2516, 0.1934

Sweetspot

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



26.4723, 0.4807, 0.4420



74.6817, 0.3578, 0.3715



12.1493, 0.5079, 0.2705



15.6435, 0.3646, 0.3773



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.



26.4723, 0.4807, 0.4420



42.8454, 0.5041, 0.4379



44.2146, 0.3955, 0.5140



10.5165, 0.3273, 0.3435



16.4233, 0.5011, 0.4403



0.7640, 0.4768, 0.4596

Inverse Universe

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



10.5228, 0.1778, 0.1455



13.8458, 0.1649, 0.1137



5.0556, 0.1680, 0.0793



9.7826, 0.2984, 0.3141



5.4926, 0.1663, 0.1188



0.3411, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 26.4710, 0.4807, 0.4420 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 26.4710, 0.4807, 0.4420 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 26.4710, 0.4807, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 26.4710, 0.4807, 0.4420.



This preview shows how white text looks on a background with the Yxy color 26.4710, 0.4807, 0.4420.

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

26.4710, 0.4807, 0.4420

Protanopia

26.5144, 0.4323, 0.4765

Deuteranopia

26.5811, 0.4648, 0.4567



Tritanopia

26.3554, 0.3929, 0.3169

Trichromacy



Original Color

26.4710, 0.4807, 0.4420

Protanomaly

26.5261, 0.4501, 0.4638

Deuteranomaly

26.5178, 0.4713, 0.4509

Tritanomaly

26.0150, 0.4354, 0.3714

Monochromacy



Original Color

26.4710, 0.4807, 0.4420

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4896, 0.3791, 0.3896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4710, 0.4807, 0.4420 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, 129, 27)` looks like.

```
.text, #text, p{  
    color:rgb(188, 129, 27)  
}
```

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, 129, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 129, 27) }
```

Border

The CSS property to change the border of an element to Yxy 26.4710, 0.4807, 0.4420 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, 129, 27) }
```

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

```
.border{ border-color:rgb(188, 129, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 129, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 129, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 129, 27);  
box-shadow:4px 4px 4px 4px rgb(188, 129,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4710, 0.4807, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 129, 27) }
```

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

```
.background{ background-color: rgb(188,  
129, 27) }
```

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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