

Converting Colors

$Yxy(26.7189, 0.4918, 0.4477)$

Have a look what the booklet for
Yxy(26.7189, 0.4918, 0.4477)
contains.

Yxy(26.7769, 0.4911, 0.4483)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7769, 0.4911, 0.4483)

Conversions

Conversions Part 1

Format	Color
Hex	BF8100
RGB	191, 129, 0
RGB Percent	75%, 51%, 0%
CMY	0.2510, 0.4941, 1.0000
CMYK	0.00, 0.32, 1.00, 0.25
HSL	41°, 100%, 37%
HSV	41°, 100%, 75%
XYZ	29.3333, 26.7769, 3.6196
YIQ	132.8320, 78.3610, -26.9750

Conversions

Conversions Part 2

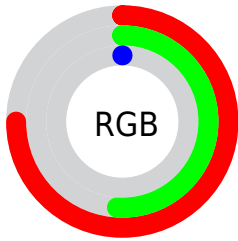
Format	Color
R_{YB}	92, 191, 0
Decimal	12550400
CIE _{Lab}	58.77, 15.62, 64.60
CIE _{LCh}	59, 66.462, 76.408
Yxy	26.7769, 0.4911, 0.4483
Android (android.graphics.Color)	4290740480 (0xFFBF8100)
YUV	132.8320, -65.4862, 51.0133
Hunter-Lab	51.7464, 10.6296, 32.0752

Details

The Yxy color **26.7769, 0.4911, 0.4483** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.2034, 0.1626, 0.1053**, and the grayscale version is **23.6137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5810, 0.4612, 0.4344**, and **10.6429, 0.5070, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **26.7785, 0.4911, 0.4483**, and if you desaturate by 10%, it is **28.5086, 0.4784, 0.4502**.

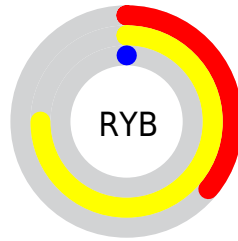
Distribution



Red (75%)

Green (51%)

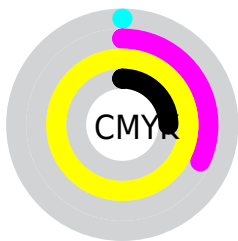
Blue (0%)



Red (36%)

Yellow (75%)

Blue (0%)

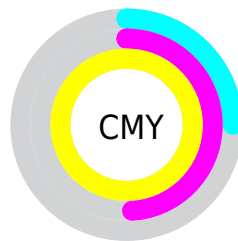


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7769, 0.4911, 0.4483 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 26.7769, 0.4911, 0.4483 by changing the saturation by 10% instead.


 26.7769, 0.4911,
0.4483


 26.7769, 0.4911,
0.4483


286.5753, 0.4031,
0.3973


 17.4057, 0.5085,
0.4544


 54.5257, 0.4616,
0.4340


 10.5242, 0.5316,
0.4615


 73.6720, 0.4496,
0.4271


 5.7479, 0.5455,
0.4545

 96.8456, 0.4391,
0.4209

 2.6924, 0.5613,
0.4387

 124.4308, 0.4300,
0.4152

 0.9733, 0.5888,
0.4112

 156.8119, 0.4220,
0.4100


 0.0000, 1.0000,
0.0000


 194.3735, 0.4149,

 0.0000, 0.0000,

0.4054


0.0000

 237.4998, 0.4087,
0.4012


 26.7769, 0.4911,
0.4483

 26.7769, 0.4911,
0.4483


 26.7785, 0.4911,
0.4483

 28.5086, 0.4784,
0.4502

 30.3860, 0.4630,
0.4477

 32.4290, 0.4449,
0.4404

 34.6479, 0.4250,
0.4290

 37.0513, 0.4043,
0.4145

■ 39.6472, 0.3838,
0.3980

■ 42.4427, 0.3640,
0.3806

■ 45.4444, 0.3454,
0.3629

■ 48.6587, 0.3283,
0.3456

Harmonies

Analogous

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



26.7769, 0.5277, 0.3726



26.7769, 0.4911, 0.4483



26.7769, 0.4104, 0.5169

Triad

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



26.7769, 0.4911, 0.4483



26.7769, 0.1569, 0.3197



26.7769, 0.2800, 0.1940

Complementary

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



26.7769, 0.4911, 0.4483



7.2034, 0.1626, 0.1053

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.



26.7769, 0.1955, 0.1736



26.7769, 0.4911, 0.4483



26.7769, 0.1357, 0.2262

Square

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



26.7769, 0.4911, 0.4483



26.7769, 0.2184, 0.4495



26.7769, 0.1488, 0.1818



26.7769, 0.3935, 0.2393

Rectangle

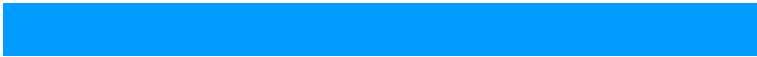
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7769, 0.4911, 0.4483



26.7769, 0.3453, 0.5375



26.7769, 0.1488, 0.1818



26.7769, 0.2476, 0.1842

Sweetspot

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



26.7785, 0.4911, 0.4483



75.7808, 0.3649, 0.3814



11.4410, 0.5647, 0.2884



16.1632, 0.3732, 0.3889



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.7785, 0.4911, 0.4483



47.5069, 0.4925, 0.4472



44.6426, 0.3901, 0.5284



10.5843, 0.3272, 0.3445



17.7524, 0.4899, 0.4493



0.8094, 0.4691, 0.4657

Inverse Universe

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



7.2034, 0.1626, 0.1053



12.5130, 0.1619, 0.1027



4.0654, 0.1571, 0.0639



9.7174, 0.2984, 0.3131



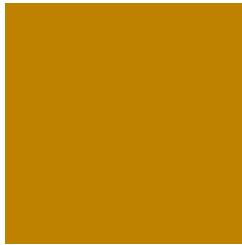
4.8662, 0.1633, 0.1077



0.3124, 0.1773, 0.1583

Previews

White Background



This preview shows how the Yxy color 26.7769, 0.4911, 0.4483 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 26.7769, 0.4911, 0.4483 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 26.7769, 0.4911, 0.4483

Background



This preview shows how black text looks on a background with the Yxy color 26.7769, 0.4911, 0.4483.



This preview shows how white text looks on a background with the Yxy color 26.7769, 0.4911, 0.4483.

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

26.7769, 0.4911, 0.4483

Protanopia

26.8486, 0.4378, 0.4848

Deuteranopia

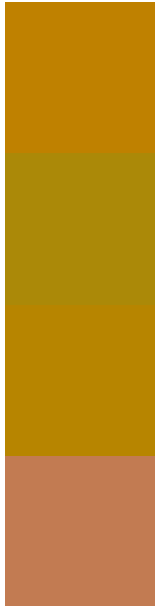
26.9117, 0.4705, 0.4646



Tritanopia

26.7537, 0.3964, 0.3171

Trichromacy



Original Color

26.7769, 0.4911, 0.4483

Protanomaly

26.5668, 0.4576, 0.4715

Deuteranomaly

26.8423, 0.4775, 0.4591

Tritanomaly

26.2444, 0.4503, 0.3830

Monochromacy



Original Color

26.7769, 0.4911, 0.4483

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0284, 0.3918, 0.4055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7769, 0.4911, 0.4483 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(191, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 0)  
}
```

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(191, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.7769, 0.4911, 0.4483 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(191, 129, 0) }
```

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

```
.border{ border-color:rgb(191, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7769, 0.4911, 0.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 0) }
```

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

```
.background{ background-color: rgb(191,  
129, 0) }
```

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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