

Converting Colors

$Yxy(26.7665, 0.4476, 0.4807)$

Have a look what the booklet for
Yxy(26.7665, 0.4476, 0.4807)
contains.

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Color

$\text{Yxy}(26.7665, 0.4476, 0.4807)$

Conversions

Conversions Part 1

Format	Color
Hex	A58C05
RGB	165, 140, 5
RGB Percent	65%, 55%, 2%
CMY	0.3529, 0.4510, 0.9809
CMYK	0.00, 0.15, 0.97, 0.35
HSL	51°, 94%, 33%
HSV	51°, 97%, 65%
XYZ	24.9234, 26.7665, 3.9924
YIQ	132.0850, 58.2350, -36.6850

Conversions

Conversions Part 2

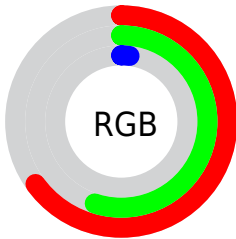
Format	Color
R_{YB}	35, 165, 5
Decimal	10849285
CIE _{Lab}	58.76, -2.20, 62.45
CIE _{LCh}	59, 62.487, 92.017
Yxy	26.7665, 0.4476, 0.4807
Android (android.graphics.Color)	4289039365 (0xFFFA58C05)
YUV	132.0850, -62.6529, 28.8665
Hunter-Lab	51.7364, -4.5482, 31.6401

Details

The Yxy color **26.7665, 0.4476, 0.4807** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.6708, 0.1559, 0.0783**, and the grayscale version is **23.3174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4551, 0.4270, 0.4561**, and **10.5635, 0.4520, 0.4793** is the 20% darker color. If you saturate the color by 10%, you get **26.5356, 0.4495, 0.4813**, and if you desaturate by 10%, it is **27.5746, 0.4405, 0.4779**.

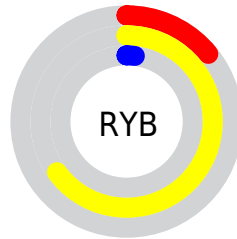
Distribution



Red (65%)

Green (55%)

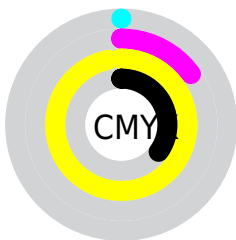
Blue (2%)



Red (14%)

Yellow (65%)

Blue (2%)

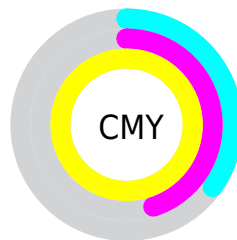


Cyan (0%)

Magenta (15%)

Yellow (97%)

Black (35%)



Cyan (35%)


Magenta (45%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7665, 0.4476, 0.4807 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 26.7665, 0.4476, 0.4807 by changing the saturation by 10% instead.


 26.7665, 0.4476,
0.4807


 26.7665, 0.4476,
0.4807


286.5248, 0.3830,
0.4067


 17.3979, 0.4592,
0.4947


 54.5089, 0.4267,
0.4562


 10.5186, 0.4731,
0.5120

 73.6516, 0.4179,
0.4461


 5.7441, 0.4787,
0.5213

 96.8211, 0.4101,
0.4373

 2.6901, 0.4762,
0.5238

 124.4018, 0.4033,
0.4295

 0.9722, 0.4717,
0.5283


 156.7782, 0.3973,
0.4228

 0.0000, 0.0000,
0.0000


 194.3345, 0.3920,

0.4168


 237.4552, 0.3872,
0.4115


 26.7665, 0.4476,
0.4807


 26.7665, 0.4476,
0.4807

 26.5356, 0.4495,
0.4813

 27.5746, 0.4405,
0.4779

 28.4378, 0.4308,
0.4709

 29.3661, 0.4185,
0.4595

 30.3651, 0.4041,
0.4445

 31.4397, 0.3883,
0.4265

■ 32.5943, 0.3717,
0.4065

■ 33.8327, 0.3551,
0.3854

■ 35.1587, 0.3387,
0.3642

■ 36.5757, 0.3231,
0.3433

Harmonies

Analogous

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



26.7665, 0.5063, 0.4102



26.7665, 0.4476, 0.4807



26.7665, 0.3596, 0.5239

Triad

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



26.7665, 0.4476, 0.4807



26.7665, 0.1492, 0.2690



26.7665, 0.3363, 0.2202

Complementary

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



26.7665, 0.4476, 0.4807



3.6708, 0.1559, 0.0783

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.



26.7665, 0.2390, 0.1875



26.7665, 0.4476, 0.4807



26.7665, 0.1461, 0.2047

Square

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



26.7665, 0.4476, 0.4807



26.7665, 0.1884, 0.3783



26.7665, 0.1754, 0.1808



26.7665, 0.4429, 0.2739

Rectangle

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



26.7665, 0.4476, 0.4807



26.7665, 0.2957, 0.5118



26.7665, 0.1754, 0.1808



26.7665, 0.3009, 0.2066

Sweetspot

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



26.7678, 0.4476, 0.4807



60.0197, 0.3592, 0.3907



8.2080, 0.6059, 0.3142



12.9246, 0.3659, 0.3993



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.7678, 0.4476, 0.4807



47.2728, 0.4502, 0.4808



30.3447, 0.3632, 0.5477



8.0480, 0.3265, 0.3478



20.1314, 0.4492, 0.4815



0.4706, 0.4368, 0.4913

Inverse Universe

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



3.6708, 0.1559, 0.0783



5.9781, 0.1534, 0.0721



3.7298, 0.1785, 0.0774



7.0303, 0.2987, 0.3095



2.6560, 0.1543, 0.0753



0.1037, 0.1685, 0.1264

Previews

White Background



This preview shows how the Yxy color 26.7665, 0.4476, 0.4807 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 26.7665, 0.4476, 0.4807 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 26.7665, 0.4476, 0.4807

Background



This preview shows how black text looks on a background with the Yxy color 26.7665, 0.4476, 0.4807.

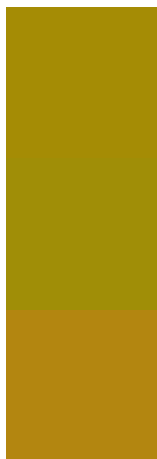


This preview shows how white text looks on a background with the Yxy color 26.7665, 0.4476, 0.4807.

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

26.7665, 0.4476, 0.4807

Protanopia

26.8349, 0.4390, 0.4866

Deuteranopia

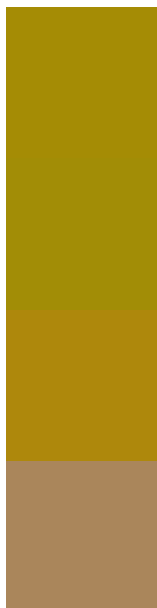
26.6713, 0.4684, 0.4592



Tritanopia

26.7429, 0.3520, 0.3143

Trichromacy



Original Color

26.7665, 0.4476, 0.4807

Protanomaly

26.7443, 0.4427, 0.4841

Deuteranomaly

26.6335, 0.4614, 0.4668

Tritanomaly

26.3516, 0.4034, 0.3939

Monochromacy



Original Color

26.7665, 0.4476, 0.4807

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9291, 0.3763, 0.4122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7665, 0.4476, 0.4807 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(165, 140, 5)` looks like.

```
.text, #text, p{  
    color:rgb(165, 140, 5)  
}
```

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(165, 140, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 140, 5) }
```

Border

The CSS property to change the border of an element to Yxy 26.7665, 0.4476, 0.4807 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(165, 140, 5) }
```

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

```
.border{ border-color:rgb(165, 140, 5) }
```

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

Here you see how a box with a 4 pixel rgb(165, 140, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 140, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 140, 5);  
box-shadow:4px 4px 4px 4px rgb(165, 140,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7665, 0.4476, 0.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 140, 5) }
```

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

```
.background{ background-color: rgb(165,  
140, 5) }
```

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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