

Converting Colors

$Y_{xy}(26.1807, 0.4299, 0.4516)$

Have a look what the booklet for
Yxy(26.1807, 0.4299, 0.4516)
contains.

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Color

Yxy(26.3085, 0.4295, 0.4521)

Conversions

Conversions Part 1

Format	Color
Hex	A48A33
RGB	164, 138, 51
RGB Percent	64%, 54%, 20%
CMY	0.3569, 0.4588, 0.8001
CMYK	0.00, 0.16, 0.69, 0.36
HSL	46°, 53%, 42%
HSV	46°, 69%, 64%
XYZ	24.9934, 26.3085, 6.8899
YIQ	135.8560, 43.4230, -21.5450

Conversions

Conversions Part 2

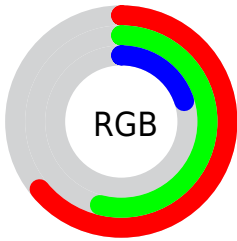
Format	Color
R_{YB}	85, 164, 51
Decimal	10783283
CIE Lab	58.33, -0.05, 48.45
CIE LCh	58, 48.455, 90.061
Yxy	26.3085, 0.4295, 0.4521
Android (android.graphics.Color)	4288973363 (0xFFA48A33)
YUV	135.8560, -41.8340, 24.6823
Hunter-Lab	51.2918, -2.7816, 27.9400

Details

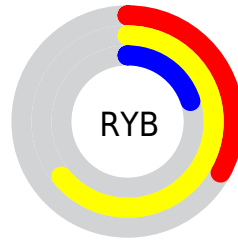
The Yxy color **26.3085, 0.4295, 0.4521** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.6844, 0.1926, 0.1561**, and the grayscale version is **24.7106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7505, 0.4087, 0.4295**, and **10.2307, 0.4560, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **25.1268, 0.4440, 0.4617**, and if you desaturate by 10%, it is **27.5813, 0.4131, 0.4387**.

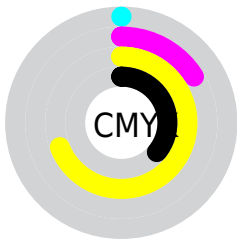
Distribution



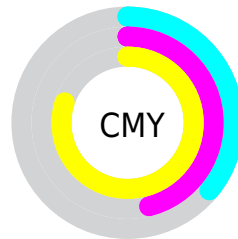
- Red (64%)
- Green (54%)
- Blue (20%)



- Red (33%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (69%)
- Black (36%)




- Cyan (36%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3085, 0.4295, 0.4521 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 26.3085, 0.4295, 0.4521 by changing the saturation by 10% instead.

 26.3085, 0.4295,
0.4521


 26.3085, 0.4295,
0.4521


284.2932, 0.3697,
0.3890


 17.0546, 0.4430,
0.4663


 53.7722, 0.4083,
0.4298


 10.2734, 0.4584,
0.4826


 72.7508, 0.4001,
0.4211


 5.5806, 0.4859,
0.5116

 95.7397, 0.3931,
0.4137

 2.5918, 0.4870,
0.5130

 123.1234, 0.3870,
0.4073

 0.9225, 0.4869,
0.5131

 155.2861, 0.3818,
0.4018

 0.0000, 0.0000,
0.0000

 192.6125, 0.3773,

0.3970

235.4867, 0.3732,
0.3928

■ 26.3085, 0.4295,
0.4521

■ 26.3085, 0.4295,
0.4521

■ 25.1268, 0.4440,
0.4617

■ 27.5813, 0.4131,
0.4387

■ 24.0263, 0.4559,
0.4668

■ 28.9466, 0.3954,
0.4222

■ 22.9969, 0.4653,
0.4679

■ 30.4103, 0.3774,
0.4039

■ 22.8877, 0.4663,
0.4680

■ 31.9765, 0.3595,
0.3845

■ 33.6493, 0.3423,
0.3648

■ 35.4321, 0.3261,
0.3455

■ 37.3285, 0.3111,
0.3270

■ 39.3416, 0.2974,
0.3096

■ 41.4745, 0.2850,
0.2933

Harmonies

Analogous

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



26.3085, 0.4704, 0.3979



26.3085, 0.4295, 0.4521



26.3085, 0.3604, 0.4803

Triad

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



26.3085, 0.4295, 0.4521



26.3085, 0.1805, 0.2893



26.3085, 0.3271, 0.2379

Complementary

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



26.3085, 0.4295, 0.4521



8.6844, 0.1926, 0.1561

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.



26.3085, 0.2502, 0.2115



26.3085, 0.4295, 0.4521



26.3085, 0.1747, 0.2326

Square

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



26.3085, 0.4295, 0.4521



26.3085, 0.2176, 0.3743



26.3085, 0.1981, 0.2083



26.3085, 0.4099, 0.2827

Rectangle

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



26.3085, 0.4295, 0.4521



26.3085, 0.3084, 0.4696



26.3085, 0.1981, 0.2083



26.3085, 0.2995, 0.2267

Sweetspot

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



26.3098, 0.4295, 0.4521



60.3185, 0.3465, 0.3697



10.7975, 0.4839, 0.2929



13.0128, 0.3509, 0.3748



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.



26.3098, 0.4295, 0.4521



44.4718, 0.4510, 0.4651



31.8408, 0.3726, 0.5011



7.9599, 0.3267, 0.3462



17.6267, 0.4657, 0.4684



0.4345, 0.4460, 0.4841

Inverse Universe

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



8.6844, 0.1926, 0.1561



10.5948, 0.1709, 0.1162



6.7999, 0.2093, 0.1261



7.1119, 0.2987, 0.3112



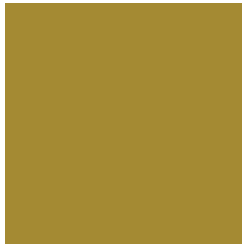
3.1658, 0.1577, 0.0877



0.1323, 0.1757, 0.1523

Previews

White Background



This preview shows how the Yxy color 26.3085, 0.4295, 0.4521 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 26.3085, 0.4295, 0.4521 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 26.3085, 0.4295, 0.4521

Background



This preview shows how black text looks on a background with the Yxy color 26.3085, 0.4295, 0.4521.



This preview shows how white text looks on a background with the Yxy color 26.3085, 0.4295, 0.4521.

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

26.3085, 0.4295, 0.4521

Protanopia

26.4658, 0.4175, 0.4594

Deuteranopia

26.1370, 0.4469, 0.4377



Tritanopia

26.2225, 0.3511, 0.3142

Trichromacy



Original Color

26.3085, 0.4295, 0.4521

Protanomaly

26.4777, 0.4220, 0.4562

Deuteranomaly

26.2338, 0.4401, 0.4428

Tritanomaly

25.8889, 0.3842, 0.3676

Monochromacy



Original Color

26.3085, 0.4295, 0.4521

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0222, 0.3574, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3085, 0.4295, 0.4521 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(164, 138, 51)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 51)  
}
```

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(164, 138, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 51) }
```

Border

The CSS property to change the border of an element to Yxy 26.3085, 0.4295, 0.4521 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(164, 138, 51) }
```

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

```
.border{ border-color:rgb(164, 138, 51) }
```

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

Here you see how a box with a 4 pixel rgb(164, 138, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 51);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3085, 0.4295, 0.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 51) }
```

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

```
.background{ background-color: rgb(164,  
138, 51) }
```

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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