

Converting Colors

$Y_{xy}(26.0890, 0.4635, 0.4570)$

Have a look what the booklet for
Yxy(26.0890, 0.4635, 0.4570)
contains.

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Color

Yxy(26.0754, 0.4635, 0.4567)

Conversions

Conversions Part 1

Format	Color
Hex	B08519
RGB	176, 133, 25
RGB Percent	69%, 52%, 10%
CMY	0.3099, 0.4784, 0.9021
CMYK	0.00, 0.24, 0.86, 0.31
HSL	43°, 75%, 39%
HSV	43°, 86%, 69%
XYZ	26.4636, 26.0754, 4.5562
YIQ	133.5450, 60.2960, -24.4720

Conversions

Conversions Part 2

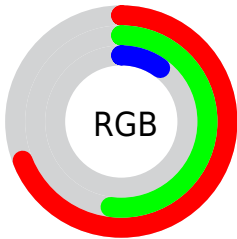
Format	Color
RYB	85, 176, 25
Decimal	11568409
CIELab	58.11, 7.06, 58.34
CIElCh	58, 58.764, 83.100
Yxy	26.0754, 0.4635, 0.4567
Android (android.graphics.Color)	4289758489 (0xFFB08519)
YUV	133.5450, -53.5127, 37.2330
Hunter-Lab	51.0641, 3.1444, 30.4547

Details

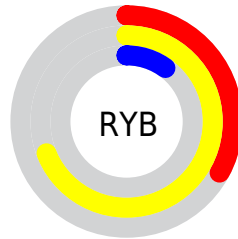
The Yxy color **26.0754, 0.4635, 0.4567** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.4667, 0.1724, 0.1250**, and the grayscale version is **23.8472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5448, 0.4379, 0.4372**, and **10.2626, 0.4800, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **24.6841, 0.4755, 0.4574**, and if you desaturate by 10%, it is **27.5820, 0.4486, 0.4512**.

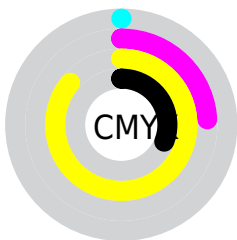
Distribution



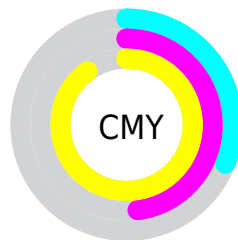
- Red (69%)
- Green (52%)
- Blue (10%)



- Red (33%)
- Yellow (69%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (86%)
- Black (31%)




- Cyan (31%)
- Magenta (48%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0754, 0.4635, 0.4567 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 26.0754, 0.4635, 0.4567 by changing the saturation by 10% instead.


 26.0754, 0.4635,
0.4567


 26.0754, 0.4635,
0.4567


283.1520, 0.3880,
0.3962


 16.8801, 0.4791,
0.4673


 53.3966, 0.4377,
0.4373

 10.1490, 0.4973,
0.4784


 72.2912, 0.4273,
0.4290


 5.4979, 0.5146,
0.4854

 95.1876, 0.4184,
0.4218

 2.5422, 0.5225,
0.4775

 122.4704, 0.4106,
0.4154

 0.8977, 0.5365,
0.4635

 154.5238, 0.4038,
0.4097

 0.0000, 0.0000,
0.0000

 191.7323, 0.3979,

0.4047

234.4802, 0.3926,
0.4002

26.0754, 0.4635,
0.4567

26.0754, 0.4635,
0.4567

24.6841, 0.4755,
0.4574

27.5820, 0.4486,
0.4512

24.1261, 0.4801,
0.4570

29.2090, 0.4313,
0.4413

30.9651, 0.4125,
0.4277

32.8567, 0.3930,
0.4115

34.8894, 0.3737,
0.3938

■ 37.0686, 0.3551,
0.3753

■ 39.3991, 0.3376,
0.3569

■ 41.8856, 0.3215,
0.3390

■ 44.5324, 0.3067,
0.3220

Harmonies

Analogous

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



26.0754, 0.5051, 0.3881



26.0754, 0.4635, 0.4567



26.0754, 0.3857, 0.5081

Triad

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



26.0754, 0.4635, 0.4567



26.0754, 0.1634, 0.2998



26.0754, 0.3054, 0.2129

Complementary

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



26.0754, 0.4635, 0.4567



7.4667, 0.1724, 0.1250

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.



26.0754, 0.2207, 0.1884



26.0754, 0.4635, 0.4567



26.0754, 0.1502, 0.2245

Square

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



26.0754, 0.4635, 0.4567



26.0754, 0.2130, 0.4103



26.0754, 0.1692, 0.1903



26.0754, 0.4082, 0.2596

Rectangle

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



26.0754, 0.4635, 0.4567



26.0754, 0.3250, 0.5117



26.0754, 0.1692, 0.1903



26.0754, 0.2738, 0.2020

Sweetspot

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



26.0767, 0.4635, 0.4567



66.9851, 0.3563, 0.3765



10.3673, 0.5297, 0.2837



14.2228, 0.3625, 0.3828



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.0767, 0.4635, 0.4567



43.3642, 0.4814, 0.4560



37.2027, 0.3855, 0.5213



9.4899, 0.3270, 0.3452



17.8099, 0.4793, 0.4576



0.6537, 0.4591, 0.4736

Inverse Universe

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



7.4667, 0.1724, 0.1250



9.4999, 0.1594, 0.0940



4.6450, 0.1749, 0.0832



8.6109, 0.2985, 0.3122



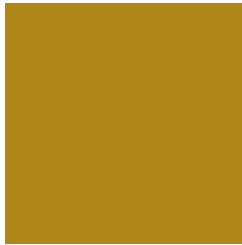
4.0665, 0.1607, 0.0985



0.2299, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 26.0754, 0.4635, 0.4567 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 26.0754, 0.4635, 0.4567 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 26.0754, 0.4635, 0.4567

Background



This preview shows how black text looks on a background with the Yxy color 26.0754, 0.4635, 0.4567.



This preview shows how white text looks on a background with the Yxy color 26.0754, 0.4635, 0.4567.

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

26.0754, 0.4635, 0.4567

Protanopia

26.1044, 0.4336, 0.4780

Deuteranopia

26.1924, 0.4646, 0.4559



Tritanopia

26.0538, 0.3730, 0.3162

Trichromacy



Original Color

26.0754, 0.4635, 0.4567

Protanomaly

25.9652, 0.4457, 0.4695

Deuteranomaly

26.1924, 0.4646, 0.4559

Tritanomaly

25.6902, 0.4171, 0.3768

Monochromacy



Original Color

26.0754, 0.4635, 0.4567

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2479, 0.3745, 0.3959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0754, 0.4635, 0.4567 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(176, 133, 25)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 25)  
}
```

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(176, 133, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 25) }
```

Border

The CSS property to change the border of an element to Yxy 26.0754, 0.4635, 0.4567 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(176, 133, 25) }
```

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

```
.border{ border-color:rgb(176, 133, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 133, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 25);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0754, 0.4635, 0.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 25) }
```

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

```
.background{ background-color: rgb(176,  
133, 25) }
```

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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