

Converting Colors

$Y_{xy}(26.8265, 0.4620, 0.4363)$

Have a look what the booklet for
Yxy(26.8265, 0.4620, 0.4363)
contains.

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Color

Yxy(26.8901, 0.4623, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	B8842E
RGB	184, 132, 46
RGB Percent	72%, 52%, 18%
CMY	0.2784, 0.4823, 0.8196
CMYK	0.00, 0.28, 0.75, 0.28
HSL	37°, 60%, 45%
HSV	37°, 75%, 72%
XYZ	28.5121, 26.8901, 6.2723
YIQ	137.7440, 58.5980, -15.7220

Conversions

Conversions Part 2

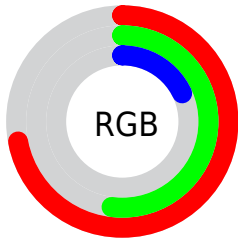
Format	Color
R _Y B	129, 184, 46
Decimal	12092462
CIE Lab	58.87, 11.98, 51.85
CIE LCh	59, 53.215, 76.987
Yxy	26.8901, 0.4623, 0.4360
Android (android.graphics.Color)	4290282542 (0xFFB8842E)
YUV	137.7440, -45.2298, 40.5665
Hunter-Lab	51.8557, 7.3984, 29.1274

Details

The Yxy color **26.8901, 0.4623, 0.4360** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.7774, 0.1912, 0.1727**, and the grayscale version is **25.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7941, 0.4354, 0.4199**, and **10.6221, 0.4925, 0.4472** is the 20% darker color. If you saturate the color by 10%, you get **24.9576, 0.4815, 0.4400**, and if you desaturate by 10%, it is **29.0124, 0.4409, 0.4274**.

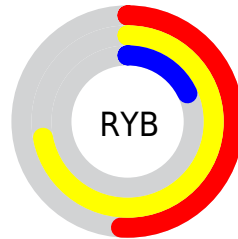
Distribution



Red (72%)

Green (52%)

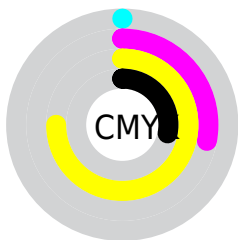
Blue (18%)



Red (51%)

Yellow (72%)

Blue (18%)

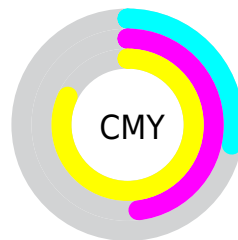


Cyan (0%)

Magenta (28%)

Yellow (75%)

Black (28%)



Cyan (28%)


Magenta (48%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8901, 0.4623, 0.4360 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 26.8901, 0.4623, 0.4360 by changing the saturation by 10% instead.


 26.8901, 0.4623,
0.4360


 26.8901, 0.4623,
0.4360


287.1246, 0.3852,
0.3854


 17.4907, 0.4799,
0.4452


 54.7075, 0.4349,
0.4196


 10.5850, 0.5004,
0.4539


 73.8942, 0.4243,
0.4127


 5.7885, 0.5323,
0.4677

 97.1122, 0.4152,
0.4066

 2.7169, 0.5447,
0.4553

 124.7458, 0.4075,
0.4013

 0.9858, 0.5664,
0.4336

 157.1795, 0.4008,
0.3966

 0.0000, 1.0000,
0.0000

 194.7976, 0.3949,

 0.0000, 0.0000,

0.3925

0.0000

237.9845, 0.3898,
0.3888

■ 26.8901, 0.4623,
0.4360

■ 26.8901, 0.4623,
0.4360

■ 24.9576, 0.4815,
0.4400

■ 29.0124, 0.4409,
0.4274

■ 23.2000, 0.4977,
0.4388

■ 31.3299, 0.4186,
0.4153

■ 22.3769, 0.5052,
0.4371

■ 33.8525, 0.3964,
0.4008

■ 36.5876, 0.3751,
0.3848

■ 39.5425, 0.3551,
0.3684

■ 42.7238, 0.3368,
0.3522

■ 46.1378, 0.3203,
0.3365

■ 49.7905, 0.3055,
0.3217

■ 53.6876, 0.2924,
0.3079

Harmonies

Analogous

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



26.8901, 0.4883, 0.3732



26.8901, 0.4623, 0.4360



26.8901, 0.3976, 0.4851

Triad

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



26.8901, 0.4623, 0.4360



26.8901, 0.1833, 0.3226



26.8901, 0.2890, 0.2161

Complementary

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



26.8901, 0.4623, 0.4360



12.7774, 0.1912, 0.1727

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.



26.8901, 0.2169, 0.1982



26.8901, 0.4623, 0.4360



26.8901, 0.1635, 0.2460

Square

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



26.8901, 0.4623, 0.4360



26.8901, 0.2366, 0.4211



26.8901, 0.1751, 0.2063



26.8901, 0.3804, 0.2559

Rectangle

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



26.8901, 0.4623, 0.4360



26.8901, 0.3434, 0.4943



26.8901, 0.1751, 0.2063



26.8901, 0.2619, 0.2075

Sweetspot

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



26.8914, 0.4623, 0.4360



73.1562, 0.3501, 0.3641



13.0439, 0.4681, 0.2655



15.4464, 0.3552, 0.3685



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.8914, 0.4623, 0.4360



43.1331, 0.4925, 0.4398



42.7936, 0.3943, 0.4998



9.9193, 0.3273, 0.3432



15.5610, 0.5038, 0.4382



0.6635, 0.4768, 0.4597

Inverse Universe

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



12.7774, 0.1912, 0.1727



16.6231, 0.1732, 0.1362



6.4424, 0.1815, 0.1006



9.2592, 0.2985, 0.3144



5.4733, 0.1672, 0.1219



0.3137, 0.1822, 0.1758

Previews

White Background



This preview shows how the Yxy color 26.8901, 0.4623, 0.4360 looks on a white background.

Color Contrast Check

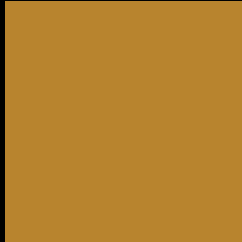
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8901, 0.4623, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

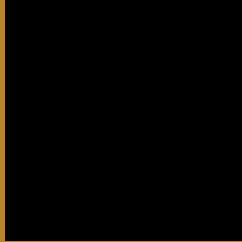
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8901, 0.4623, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 26.8901, 0.4623, 0.4360.



This preview shows how white text looks on a background with the Yxy color 26.8901, 0.4623, 0.4360.

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

26.8901, 0.4623, 0.4360

Protanopia

26.9387, 0.4208, 0.4623

Deuteranopia

26.9824, 0.4528, 0.4444



Tritanopia

27.0559, 0.3825, 0.3167

Trichromacy



Original Color

26.8901, 0.4623, 0.4360

Protanomaly

26.7152, 0.4362, 0.4522

Deuteranomaly

26.9430, 0.4562, 0.4418

Tritanomaly

26.8097, 0.4182, 0.3655

Monochromacy



Original Color

26.8901, 0.4623, 0.4360

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.5968, 0.3687, 0.3794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8901, 0.4623, 0.4360 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(184, 132, 46)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 46)  
}
```

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(184, 132, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 46) }
```

Border

The CSS property to change the border of an element to Yxy 26.8901, 0.4623, 0.4360 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(184, 132, 46) }
```

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

```
.border{ border-color:rgb(184, 132, 46) }
```

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

Here you see how a box with a 4 pixel rgb(184, 132, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 46);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8901, 0.4623, 0.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 46) }
```

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

```
.background{ background-color: rgb(184,  
132, 46) }
```

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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