

Converting Colors

$Y_{xy}(25.8362, 0.4629, 0.4676)$

Have a look what the booklet for
Yxy(25.8362, 0.4629, 0.4676)
contains.

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Color

Yxy(25.8362, 0.4629, 0.4676)

Conversions

Conversions Part 1

Format	Color
Hex	AC8607
RGB	172, 134, 7
RGB Percent	67%, 53%, 3%
CMY	0.3255, 0.4745, 0.9725
CMYK	0.00, 0.22, 0.96, 0.33
HSL	46°, 92%, 35%
HSV	46°, 96%, 67%
XYZ	25.5765, 25.8362, 3.8401
YIQ	130.8840, 63.4150, -31.4410

Conversions

Conversions Part 2

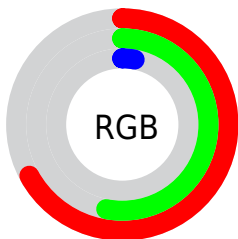
Format	Color
RYB	56, 172, 7
Decimal	11306503
CIELab	57.88, 4.35, 61.79
CIElCh	58, 61.947, 85.974
Yxy	25.8362, 0.4629, 0.4676
Android (android.graphics.Color)	4289496583 (0xFFAC8607)
YUV	130.8840, -61.0748, 36.0587
Hunter-Lab	50.8293, 0.8671, 31.1013

Details

The Yxy color **25.8362, 0.4629, 0.4676** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4.9013, 0.1602, 0.0926**, and the grayscale version is **22.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1643, 0.4387, 0.4467**, and **10.1418, 0.4717, 0.4636** is the 20% darker color. If you saturate the color by 10%, you get **25.3788, 0.4666, 0.4677**, and if you desaturate by 10%, it is **27.0045, 0.4530, 0.4658**.

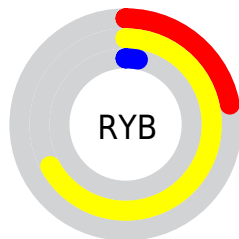
Distribution



Red (67%)

Green (53%)

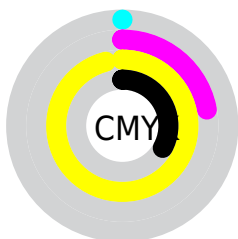
Blue (3%)



Red (22%)

Yellow (67%)

Blue (3%)

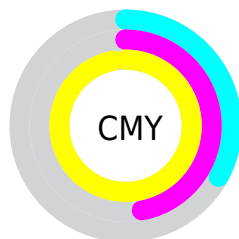


Cyan (0%)

Magenta (22%)

Yellow (96%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8362, 0.4629, 0.4676 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 25.8362, 0.4629, 0.4676 by changing the saturation by 10% instead.


 25.8362, 0.4629,
0.4676


 25.8362, 0.4629,
0.4676


281.9771, 0.3892,
0.4020


 16.7011, 0.4770,
0.4789


 53.0106, 0.4384,
0.4467

 10.0216, 0.4952,
0.4928


 71.8187, 0.4283,
0.4378


 5.4133, 0.5044,
0.4956


 94.6199, 0.4195,
0.4299

 2.4917, 0.5093,
0.4907

 121.7987, 0.4118,
0.4229

 0.8725, 0.5183,
0.4817

 153.7394, 0.4051,
0.4167

 0.0000, 0.0000,
0.0000


 190.8265, 0.3992,

0.4112

 233.4442, 0.3939,
0.4064

 25.8362, 0.4629,
0.4676


 25.8362, 0.4629,
0.4676


 25.3788, 0.4666,
0.4677

 27.0045, 0.4530,
0.4658

 28.2577, 0.4403,
0.4595

 29.6054, 0.4252,
0.4487

 31.0541, 0.4083,
0.4343

 32.6094, 0.3904,
0.4172

■ 34.2764, 0.3722,
0.3984

■ 36.0597, 0.3544,
0.3788

■ 37.9635, 0.3374,
0.3591

■ 39.9920, 0.3216,
0.3399

Harmonies

Analogous

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



25.8362, 0.5127, 0.3957



25.8362, 0.4629, 0.4676



25.8362, 0.3786, 0.5204

Triad

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



25.8362, 0.4629, 0.4676



25.8362, 0.1536, 0.2876



25.8362, 0.3147, 0.2114

Complementary

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



25.8362, 0.4629, 0.4676



4.9013, 0.1602, 0.0926

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.



25.8362, 0.2230, 0.1836



25.8362, 0.4629, 0.4676



25.8362, 0.1437, 0.2137

Square

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



25.8362, 0.4629, 0.4676



25.8362, 0.2008, 0.4034



25.8362, 0.1665, 0.1825



25.8362, 0.4233, 0.2616

Rectangle

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



25.8362, 0.4629, 0.4676



25.8362, 0.3149, 0.5206



25.8362, 0.1665, 0.1825



25.8362, 0.2807, 0.1994

Sweetspot

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



25.8375, 0.4629, 0.4676



64.2301, 0.3608, 0.3858



9.1162, 0.5846, 0.3033



13.6697, 0.3681, 0.3939



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.8375, 0.4629, 0.4676



45.6927, 0.4676, 0.4669



34.1091, 0.3741, 0.5385



9.0127, 0.3268, 0.3464



18.9724, 0.4660, 0.4682



0.6034, 0.4493, 0.4814

Inverse Universe

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



4.9013, 0.1602, 0.0926



7.8307, 0.1565, 0.0832



3.8349, 0.1708, 0.0737



8.0454, 0.2986, 0.3110



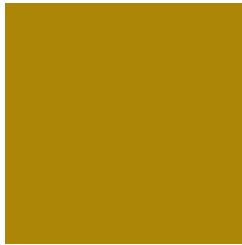
3.3979, 0.1576, 0.0873



0.1764, 0.1735, 0.1447

Previews

White Background



This preview shows how the Yxy color 25.8362, 0.4629, 0.4676 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 25.8362, 0.4629, 0.4676 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 25.8362, 0.4629, 0.4676

Background



This preview shows how black text looks on a background with the Yxy color 25.8362, 0.4629, 0.4676.



This preview shows how white text looks on a background with the Yxy color 25.8362, 0.4629, 0.4676.

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

25.8362, 0.4629, 0.4676

Protanopia

25.9484, 0.4372, 0.4860

Deuteranopia

25.7568, 0.4692, 0.4609



Tritanopia

25.9722, 0.3678, 0.3161

Trichromacy



Original Color

25.8362, 0.4629, 0.4676

Protanomaly

25.8803, 0.4458, 0.4798

Deuteranomaly

25.9109, 0.4669, 0.4632

Tritanomaly

25.3730, 0.4184, 0.3877

Monochromacy



Original Color

25.8362, 0.4629, 0.4676

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2854, 0.3807, 0.4069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8362, 0.4629, 0.4676 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(172, 134, 7)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 7)  
}
```

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(172, 134, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 7) }
```

Border

The CSS property to change the border of an element to Yxy 25.8362, 0.4629, 0.4676 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(172, 134, 7) }
```

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

```
.border{ border-color:rgb(172, 134, 7) }
```

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

Here you see how a box with a 4 pixel rgb(172, 134, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 7);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8362, 0.4629, 0.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 7) }
```

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

```
.background{ background-color: rgb(172,  
134, 7) }
```

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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