

Converting Colors

$Y_{xy}(26.3265, 0.5362, 0.4184)$

Have a look what the booklet for
Yxy(26.3265, 0.5362, 0.4184)
contains.

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Color

Yxy(26.3308, 0.5325, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	D67200
RGB	214, 114, 0
RGB Percent	84%, 45%, 0%
CMY	0.1607, 0.5530, 1.0000
CMYK	0.00, 0.47, 1.00, 0.16
HSL	32°, 100%, 42%
HSV	32°, 100%, 84%
XYZ	33.7534, 26.3308, 3.3024
YIQ	130.9040, 96.1940, -14.2540

Conversions

Conversions Part 2

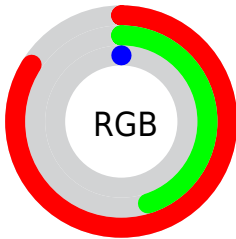
Format	Color
R_{YB}	188, 214, 0
Decimal	14053888
CIE Lab	58.35, 33.60, 65.82
CIE LCh	58, 73.899, 62.954
Yxy	26.3308, 0.5325, 0.4154
Android (android.graphics.Color)	4292243968 (0xFFD67200)
YUV	130.9040, -64.5357, 72.8752
Hunter-Lab	51.3135, 27.6162, 32.1037

Details

The Yxy color **26.3308, 0.5325, 0.4154** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **13.9757, 0.1737, 0.1454**, and the grayscale version is **22.8705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3148, 0.4777, 0.4199**, and **10.3422, 0.5612, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **26.3323, 0.5325, 0.4154**, and if you desaturate by 10%, it is **28.7691, 0.5138, 0.4213**.

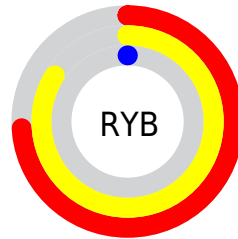
Distribution



Red (84%)

Green (45%)

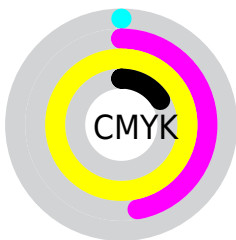
Blue (0%)



Red (74%)

Yellow (84%)

Blue (0%)

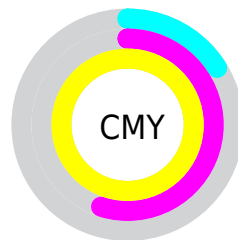


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3308, 0.5325, 0.4154 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 26.3308, 0.5325, 0.4154 by changing the saturation by 10% instead.

 26.3308, 0.5325,
0.4154

 26.3308, 0.5325,
0.4154


284.4022, 0.4225,
0.3869


 17.0713, 0.5552,
0.4145


 53.8081, 0.4951,
0.4105


 10.2853, 0.5864,
0.4127


 72.7947, 0.4801,
0.4069


 5.5885, 0.6071,
0.3929

 95.7925, 0.4670,
0.4032

 2.5965, 0.6371,
0.3629

 123.1858, 0.4557,
0.3995

 0.9249, 0.6862,
0.3138

 155.3590, 0.4458,
0.3960

 0.0000, 1.0000,
0.0000

 192.6965, 0.4371,

 0.0000, 0.0000,


0.3927


0.0000


 235.5828, 0.4294,
0.3897

 26.3308, 0.5325,
0.4154

 26.3308, 0.5325,
0.4154


 26.3323, 0.5325,
0.4154

 28.7691, 0.5138,
0.4213

 31.5220, 0.4917,
0.4224

 34.6187, 0.4668,
0.4182

 38.0774, 0.4407,
0.4097

 41.9143, 0.4148,
0.3981

■ 46.1444, 0.3902,
0.3847

■ 50.7814, 0.3675,
0.3705

■ 55.8380, 0.3470,
0.3561

■ 61.3267, 0.3288,
0.3422

Harmonies

Analogous

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



26.3308, 0.5444, 0.3369



26.3308, 0.5325, 0.4154



26.3308, 0.4585, 0.5000

Triad

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



26.3308, 0.5325, 0.4154



26.3308, 0.1653, 0.3814



26.3308, 0.2292, 0.1692

Complementary

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



26.3308, 0.5325, 0.4154



13.9757, 0.1737, 0.1454

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.



26.3308, 0.1577, 0.1601



26.3308, 0.5325, 0.4154



26.3308, 0.1257, 0.2521

Square

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



26.3308, 0.5325, 0.4154



26.3308, 0.2491, 0.5224



26.3308, 0.1249, 0.1833



26.3308, 0.3429, 0.2060

Rectangle

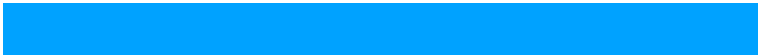
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3308, 0.5325, 0.4154



26.3308, 0.3917, 0.5468



26.3308, 0.1249, 0.1833



26.3308, 0.2005, 0.1630

Sweetspot

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



26.3323, 0.5325, 0.4154



75.2859, 0.3681, 0.3709



15.2874, 0.5051, 0.2556



15.4715, 0.3775, 0.3770



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.3323, 0.5325, 0.4154



38.8176, 0.5339, 0.4143



61.8719, 0.4164, 0.5076



13.5050, 0.3278, 0.3414



16.1231, 0.5304, 0.4171



1.1375, 0.5061, 0.4364

Inverse Universe

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



13.9757, 0.1737, 0.1454



20.4566, 0.1733, 0.1437



4.8791, 0.1504, 0.0602



12.9560, 0.2982, 0.3163



8.6501, 0.1745, 0.1480



0.6866, 0.1835, 0.1807

Previews

White Background



This preview shows how the Yxy color 26.3308, 0.5325, 0.4154 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 26.3308, 0.5325, 0.4154 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 26.3308, 0.5325, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 26.3308, 0.5325, 0.4154.



This preview shows how white text looks on a background with the Yxy color 26.3308, 0.5325, 0.4154.

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

26.3308, 0.5325, 0.4154

Protanopia

26.4644, 0.4366, 0.4828

Deuteranopia

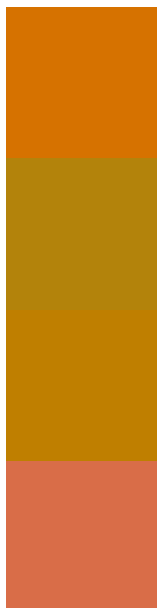
26.5152, 0.4708, 0.4644



Tritanopia

26.4057, 0.4506, 0.3212

Trichromacy



Original Color

26.3308, 0.5325, 0.4154

Protanomaly

25.8405, 0.4737, 0.4573

Deuteranomaly

26.2551, 0.4939, 0.4460

Tritanomaly

26.1569, 0.4984, 0.3698

Monochromacy



Original Color

26.3308, 0.5325, 0.4154

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.8688, 0.4081, 0.3955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3308, 0.5325, 0.4154 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(214, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 114, 0)  
}
```

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(214, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 114, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.3308, 0.5325, 0.4154 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(214, 114, 0) }
```

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

```
.border{ border-color:rgb(214, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 114,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3308, 0.5325, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 114, 0) }
```

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

```
.background{ background-color: rgb(214,  
114, 0) }
```

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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