

Converting Colors

$Y_{xy}(25.9758, 0.5411, 0.4339)$

Have a look what the booklet for
Yxy(25.9758, 0.5411, 0.4339)
contains.

Yxy(26.1924, 0.5265, 0.4201)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1924, 0.5265, 0.4201)

Conversions

Conversions Part 1

Format	Color
Hex	D27400
RGB	210, 116, 0
RGB Percent	82%, 45%, 0%
CMY	0.1764, 0.5451, 0.9994
CMYK	0.00, 0.45, 1.00, 0.18
HSL	33°, 100%, 41%
HSV	33°, 100%, 82%
XYZ	32.8262, 26.1924, 3.3294
YIQ	130.8820, 93.2600, -16.1480

Conversions

Conversions Part 2

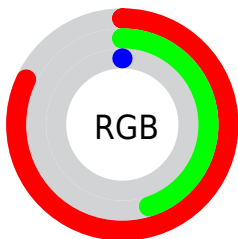
Format	Color
R_{YB}	170, 210, 0
Decimal	13792256
CIE _{Lab}	58.22, 30.89, 65.42
CIE _{LCh}	58, 72.350, 64.723
Yxy	26.1924, 0.5265, 0.4201
Android (android.graphics.Color)	4291982336 (0xFFD27400)
YUV	130.8820, -64.5248, 69.3865
Hunter-Lab	51.1785, 24.9287, 31.9679

Details

The Yxy color **26.1924, 0.5265, 0.4201** 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 **12.6869, 0.1721, 0.1395**, and the grayscale version is **22.8689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0533, 0.4758, 0.4218**, and **10.2860, 0.5547, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **26.1788, 0.5266, 0.4201**, and if you desaturate by 10%, it is **28.5279, 0.5086, 0.4254**.

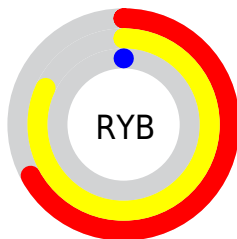
Distribution



Red (82%)

Green (45%)

Blue (0%)



Red (67%)

Yellow (82%)

Blue (0%)

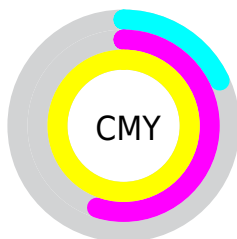


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1924, 0.5265, 0.4201 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 26.1924, 0.5265, 0.4201 by changing the saturation by 10% instead.


 26.1924, 0.5265,
0.4201


 26.1924, 0.5265,
0.4201


283.7253, 0.4195,
0.3883


 16.9676, 0.5485,
0.4201


 53.5852, 0.4901,
0.4139


 10.2114, 0.5789,
0.4197


 72.5220, 0.4755,
0.4098


 5.5394, 0.5987,
0.4013

 95.4649, 0.4628,
0.4057

 2.5671, 0.6271,
0.3729

 122.7983, 0.4518,
0.4017

 0.9101, 0.6741,
0.3259

 154.9067, 0.4421,
0.3980


 0.0000, 1.0000,
0.0000


 192.1744, 0.4337,


 0.0000, 0.0000,


0.3945


0.0000


 234.9858, 0.4262,
0.3913

 26.1924, 0.5265,
0.4201


 26.1924, 0.5265,
0.4201


 26.1788, 0.5266,
0.4201

 28.5279, 0.5086,
0.4254

 31.1471, 0.4874,
0.4259

 34.0770, 0.4634,
0.4213

 37.3340, 0.4382,
0.4123

 40.9329, 0.4131,
0.4003

■ 44.8870, 0.3891,
0.3865

■ 49.2087, 0.3668,
0.3718

■ 53.9096, 0.3466,
0.3570

■ 59.0007, 0.3286,
0.3426

Harmonies

Analogous

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



26.1924, 0.5420, 0.3420



26.1924, 0.5265, 0.4201



26.1924, 0.4517, 0.5028

Triad

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



26.1924, 0.5265, 0.4201



26.1924, 0.1642, 0.3718



26.1924, 0.2362, 0.1728

Complementary

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



26.1924, 0.5265, 0.4201



12.6869, 0.1721, 0.1395

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.



26.1924, 0.1629, 0.1622



26.1924, 0.5265, 0.4201



26.1924, 0.1273, 0.2482

Square

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



26.1924, 0.5265, 0.4201



26.1924, 0.2449, 0.5118



26.1924, 0.1284, 0.1832



26.1924, 0.3501, 0.2108

Rectangle

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



26.1924, 0.5265, 0.4201



26.1924, 0.3853, 0.5462



26.1924, 0.1284, 0.1832



26.1924, 0.2070, 0.1661

Sweetspot

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



26.1938, 0.5265, 0.4201



76.0660, 0.3677, 0.3724



14.5246, 0.5189, 0.2632



15.6564, 0.3770, 0.3787



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.



26.1938, 0.5265, 0.4201



40.2429, 0.5281, 0.4189



58.3103, 0.4106, 0.5122



12.8747, 0.3277, 0.3418



16.1708, 0.5246, 0.4217



1.0614, 0.5002, 0.4411

Inverse Universe

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



12.6869, 0.1721, 0.1395



19.3058, 0.1715, 0.1374



4.7253, 0.1513, 0.0608



12.2771, 0.2982, 0.3158



7.9235, 0.1728, 0.1421



0.6003, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 26.1924, 0.5265, 0.4201 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 26.1924, 0.5265, 0.4201 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 26.1924, 0.5265, 0.4201

Background



This preview shows how black text looks on a background with the Yxy color 26.1924, 0.5265, 0.4201.



This preview shows how white text looks on a background with the Yxy color 26.1924, 0.5265, 0.4201.

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

26.1924, 0.5265, 0.4201

Protanopia

26.3593, 0.4357, 0.4841

Deuteranopia

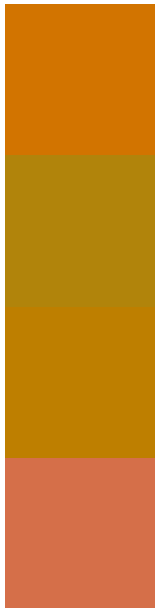
26.2400, 0.4722, 0.4633



Tritanopia

26.2591, 0.4422, 0.3209

Trichromacy



Original Color

26.1924, 0.5265, 0.4201

Protanomaly

25.8738, 0.4702, 0.4601

Deuteranomaly

26.1259, 0.4929, 0.4468

Tritanomaly

25.9961, 0.4915, 0.3722

Monochromacy



Original Color

26.1924, 0.5265, 0.4201

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.0198, 0.4060, 0.3974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1924, 0.5265, 0.4201 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(210, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 116, 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(210, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 116, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.1924, 0.5265, 0.4201 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(210, 116, 0) }
```

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

```
.border{ border-color:rgb(210, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 116,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1924, 0.5265, 0.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 116, 0) }
```

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

```
.background{ background-color: rgb(210,  
116, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor