

Converting Colors

$Yxy(26.0608, 0.5093, 0.4064)$

Have a look what the booklet for
Yxy(26.0608, 0.5093, 0.4064)
contains.

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Color

Yxy(26.0608, 0.5093, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	D07429
RGB	208, 116, 41
RGB Percent	82%, 45%, 16%
CMY	0.1843, 0.5451, 0.8392
CMYK	0.00, 0.44, 0.80, 0.18
HSL	27°, 67%, 49%
HSV	27°, 80%, 82%
XYZ	32.6594, 26.0608, 5.4058
YIQ	134.9580, 78.9070, -3.8210

Conversions

Conversions Part 2

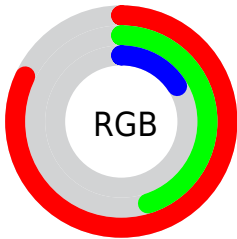
Format	Color
R _Y B	208, 177, 41
Decimal	13661225
CIE Lab	58.09, 30.83, 54.24
CIE LCh	58, 62.394, 60.383
Yxy	26.0608, 0.5093, 0.4064
Android (android.graphics.Color)	4291851305 (0xFFD07429)
YUV	134.9580, -46.3213, 64.0578
Hunter-Lab	51.0498, 24.8592, 29.4564

Details

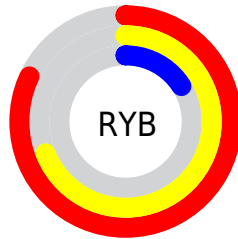
The Yxy color **26.0608, 0.5093, 0.4064** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **21.7997, 0.1965, 0.2071**, and the grayscale version is **24.3659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4086, 0.4604, 0.4046**, and **10.0995, 0.5528, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **23.4725, 0.5354, 0.4034**, and if you desaturate by 10%, it is **29.0544, 0.4802, 0.4041**.

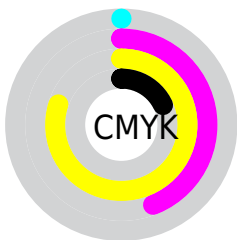
Distribution



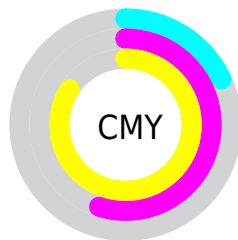
- Red (82%)
- Green (45%)
- Blue (16%)



- Red (82%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (80%)
- Black (18%)





- Cyan (18%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0608, 0.5093, 0.4064 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 26.0608, 0.5093, 0.4064 by changing the saturation by 10% instead.


 26.0608, 0.5093,
0.4064


 26.0608, 0.5093,
0.4064


283.0804, 0.4068,
0.3766


 16.8691, 0.5330,
0.4083


 53.3730, 0.4727,
0.3992

 10.1412, 0.5612,
0.4068


 72.2624, 0.4586,
0.3952


 5.4927, 0.5987,
0.4013

 95.1530, 0.4466,
0.3915

 2.5391, 0.6273,
0.3727

 122.4295, 0.4363,
0.3880

 0.8962, 0.6746,
0.3254

 154.4760, 0.4274,
0.3848

 0.0000, 1.0000,
0.0000

 191.6771, 0.4197,

 0.0000, 0.0000,

0.3818

0.0000

234.4171, 0.4129,
0.3791

■ 26.0608, 0.5093,
0.4064

■ 26.0608, 0.5093,
0.4064

■ 23.4725, 0.5354,
0.4034

■ 29.0544, 0.4802,
0.4041

■ 21.3135, 0.5568,
0.3961

■ 32.4710, 0.4503,
0.3975

■ 36.3316, 0.4212,
0.3880

■ 40.6541, 0.3942,
0.3766

■ 45.4555, 0.3699,
0.3645

■ 50.7515, 0.3483,
0.3523

■ 56.5571, 0.3295,
0.3405

■ 62.8867, 0.3132,
0.3293

■ 69.7539, 0.2991,
0.3189

Harmonies

Analogous

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



26.0608, 0.5087, 0.3354



26.0608, 0.5093, 0.4064



26.0608, 0.4524, 0.4779

Triad

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



26.0608, 0.5093, 0.4064



26.0608, 0.1908, 0.3854



26.0608, 0.2341, 0.1856

Complementary

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



26.0608, 0.5093, 0.4064



21.7997, 0.1965, 0.2071

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.



26.0608, 0.1721, 0.1804



26.0608, 0.5093, 0.4064



26.0608, 0.1494, 0.2734

Square

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



26.0608, 0.5093, 0.4064



26.0608, 0.2693, 0.4953



26.0608, 0.1445, 0.2062



26.0608, 0.3305, 0.2172

Rectangle

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



26.0608, 0.5093, 0.4064



26.0608, 0.3960, 0.5147



26.0608, 0.1445, 0.2062



26.0608, 0.2093, 0.1808

Sweetspot

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



26.0622, 0.5093, 0.4064



77.0103, 0.3566, 0.3571



16.7633, 0.4293, 0.2305



15.8405, 0.3644, 0.3615



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.



26.0622, 0.5093, 0.4064



34.7503, 0.5505, 0.3983



53.4452, 0.4223, 0.4869



12.6700, 0.3279, 0.3395



13.4700, 0.5545, 0.3979



0.9105, 0.5235, 0.4225

Inverse Universe

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



21.7997, 0.1965, 0.2071



27.5532, 0.1835, 0.1786



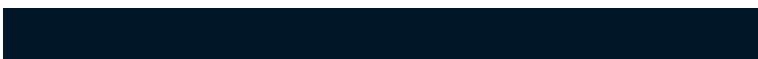
7.4930, 0.1662, 0.0920



12.4818, 0.2983, 0.3183



10.6167, 0.1823, 0.1762



0.7509, 0.1908, 0.2068

Previews

White Background



This preview shows how the Yxy color 26.0608, 0.5093, 0.4064 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 26.0608, 0.5093, 0.4064 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 26.0608, 0.5093, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 26.0608, 0.5093, 0.4064.



This preview shows how white text looks on a background with the Yxy color 26.0608, 0.5093, 0.4064.

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

26.0608, 0.5093, 0.4064

Protanopia

26.1295, 0.4219, 0.4633

Deuteranopia

26.1207, 0.4594, 0.4515



Tritanopia

26.1953, 0.4381, 0.3208

Trichromacy



Original Color

26.0608, 0.5093, 0.4064

Protanomaly

25.6522, 0.4554, 0.4409

Deuteranomaly

26.0037, 0.4783, 0.4339

Tritanomaly

26.1585, 0.4701, 0.3569

Monochromacy



Original Color

26.0608, 0.5093, 0.4064

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0593, 0.3861, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0608, 0.5093, 0.4064 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(208, 116, 41)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 41)  
}
```

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(208, 116, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 41) }
```

Border

The CSS property to change the border of an element to Yxy 26.0608, 0.5093, 0.4064 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(208, 116, 41) }
```

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

```
.border{ border-color:rgb(208, 116, 41) }
```

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

Here you see how a box with a 4 pixel rgb(208, 116, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 41);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0608, 0.5093, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 41) }
```

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

```
.background{ background-color: rgb(208,  
116, 41) }
```

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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