

Converting Colors

$Yxy(26.3474, 0.5316, 0.4063)$

Have a look what the booklet for
Yxy(26.3474, 0.5316, 0.4063)
contains.

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Color

Yxy(26.3980, 0.5317, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	D97016
RGB	217, 112, 22
RGB Percent	85%, 44%, 9%
CMY	0.1490, 0.5608, 0.9135
CMYK	0.00, 0.48, 0.90, 0.15
HSL	28°, 82%, 47%
HSV	28°, 90%, 85%
XYZ	34.5540, 26.3980, 4.0357
YIQ	133.1350, 91.4700, -5.7300

Conversions

Conversions Part 2

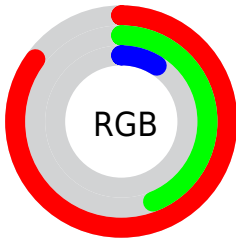
Format	Color
R _Y B	217, 189, 22
Decimal	14250006
CIE Lab	58.41, 36.11, 61.61
CIE LCh	58, 71.415, 59.628
Yxy	26.3980, 0.5317, 0.4062
Android (android.graphics.Color)	4292440086 (0xFFD97016)
YUV	133.1350, -54.7896, 73.5496
Hunter-Lab	51.3790, 30.1335, 31.3082

Details

The Yxy color **26.3980, 0.5317, 0.4062** 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 **20.3704, 0.1871, 0.1863**, and the grayscale version is **23.6892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7203, 0.4734, 0.4113**, and **10.4138, 0.5674, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **23.9281, 0.5533, 0.3987**, and if you desaturate by 10%, it is **29.2701, 0.5060, 0.4088**.

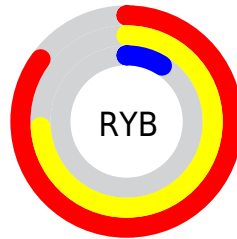
Distribution



Red (85%)

Green (44%)

Blue (9%)



Red (85%)

Yellow (74%)

Blue (9%)

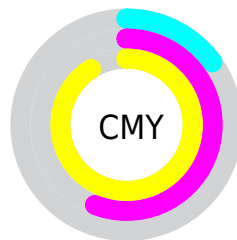


Cyan (0%)

Magenta (48%)

Yellow (90%)

Black (15%)



Cyan (15%)


Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3980, 0.5317, 0.4062 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 26.3980, 0.5317, 0.4062 by changing the saturation by 10% instead.


 26.3980, 0.5317,
0.4062


 26.3980, 0.5317,
0.4062


284.7304, 0.4203,
0.3809


 17.1216, 0.5558,
0.4052


 53.9163, 0.4930,
0.4019

 10.3212, 0.5861,
0.4013


 72.9271, 0.4777,
0.3987

 5.6125, 0.6148,
0.3852

 95.9514, 0.4646,
0.3954

 2.6109, 0.6463,
0.3537

 123.3737, 0.4532,
0.3922

 0.9321, 0.6972,
0.3028

 155.5783, 0.4433,
0.3891

 0.0000, 1.0000,
0.0000

 192.9497, 0.4347,

 0.0000, 0.0000,

0.3861

0.0000

235.8723, 0.4270,
0.3834

26.3980, 0.5317,
0.4062

26.3980, 0.5317,
0.4062

23.9281, 0.5533,
0.3987

29.2701, 0.5060,
0.4088

23.8905, 0.5536,
0.3986

32.5726, 0.4775,
0.4061

36.3303, 0.4480,
0.3991

40.5640, 0.4194,
0.3891

45.2928, 0.3928,
0.3774

■ 50.5346, 0.3687,
0.3650

■ 56.3061, 0.3474,
0.3524

■ 62.6233, 0.3287,
0.3403

■ 69.5014, 0.3125,
0.3288

Harmonies

Analogous

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



26.3980, 0.5332, 0.3300



26.3980, 0.5317, 0.4062



26.3980, 0.4658, 0.4879

Triad

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



26.3980, 0.5317, 0.4062



26.3980, 0.1769, 0.3963



26.3980, 0.2220, 0.1707

Complementary

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



26.3980, 0.5317, 0.4062



20.3704, 0.1871, 0.1863

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.



26.3980, 0.1563, 0.1652



26.3980, 0.5317, 0.4062



26.3980, 0.1327, 0.2662

Square

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



26.3980, 0.5317, 0.4062



26.3980, 0.2631, 0.5249



26.3980, 0.1278, 0.1925



26.3980, 0.3285, 0.2040

Rectangle

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



26.3980, 0.5317, 0.4062



26.3980, 0.4025, 0.5348



26.3980, 0.1278, 0.1925



26.3980, 0.1955, 0.1657

Sweetspot

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



26.3994, 0.5317, 0.4062



74.9130, 0.3629, 0.3617



16.9192, 0.4554, 0.2343



15.4445, 0.3707, 0.3660



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.



26.3994, 0.5317, 0.4062



34.1386, 0.5551, 0.3974



59.5556, 0.4252, 0.4953



14.0367, 0.3280, 0.3398



14.6692, 0.5513, 0.4005



1.1215, 0.5243, 0.4219

Inverse Universe

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



20.3704, 0.1871, 0.1863



25.2061, 0.1799, 0.1677



6.2031, 0.1560, 0.0724



13.7730, 0.2982, 0.3179



10.9293, 0.1810, 0.1716



0.8798, 0.1887, 0.1994

Previews

White Background



This preview shows how the Yxy color 26.3980, 0.5317, 0.4062 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 26.3980, 0.5317, 0.4062 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 26.3980, 0.5317, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 26.3980, 0.5317, 0.4062.



This preview shows how white text looks on a background with the Yxy color 26.3980, 0.5317, 0.4062.

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

26.3980, 0.5317, 0.4062

Protanopia

26.5144, 0.4323, 0.4765

Deuteranopia

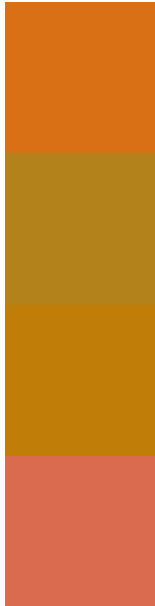
26.5152, 0.4708, 0.4644



Tritanopia

26.2861, 0.4554, 0.3201

Trichromacy



Original Color

26.3980, 0.5317, 0.4062

Protanomaly

25.7477, 0.4710, 0.4491

Deuteranomaly

26.1457, 0.4946, 0.4422

Tritanomaly

26.1400, 0.4944, 0.3602

Monochromacy



Original Color

26.3980, 0.5317, 0.4062

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.3501, 0.4001, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3980, 0.5317, 0.4062 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(217, 112, 22)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 22)  
}
```

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(217, 112, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 22) }
```

Border

The CSS property to change the border of an element to Yxy 26.3980, 0.5317, 0.4062 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(217, 112, 22) }
```

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

```
.border{ border-color:rgb(217, 112, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 112, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 22);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3980, 0.5317, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 22) }
```

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

```
.background{ background-color: rgb(217,  
112, 22) }
```

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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