

Converting Colors

$Yxy(26.6092, 0.5139, 0.4302)$

Have a look what the booklet for
Yxy(26.6092, 0.5139, 0.4302)
contains.

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Color

Yxy(26.5121, 0.5144, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	CC7900
RGB	204, 121, 0
RGB Percent	80%, 47%, 0%
CMY	0.2000, 0.5255, 0.9994
CMYK	0.00, 0.41, 1.00, 0.20
HSL	36°, 100%, 40%
HSV	36°, 100%, 80%
XYZ	31.7380, 26.5121, 3.4490
YIQ	132.0230, 88.3090, -20.0350

Conversions

Conversions Part 2

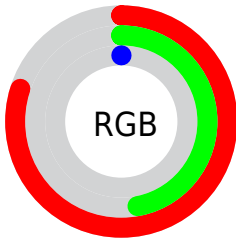
Format	Color
R_{YB}	140, 204, 0
Decimal	13400320
CIE _{Lab}	58.52, 25.68, 65.20
CIE _{LCh}	59, 70.075, 68.505
Yxy	26.5121, 0.5144, 0.4297
Android (android.graphics.Color)	4291590400 (0xFFCC7900)
YUV	132.0230, -65.0873, 63.1238
Hunter-Lab	51.4899, 19.9188, 32.0715

Details

The Yxy color **26.5121, 0.5144, 0.4297** 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 **10.5684, 0.1687, 0.1273**, and the grayscale version is **23.3063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9495, 0.4713, 0.4264**, and **10.4744, 0.5367, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **26.4971, 0.5145, 0.4297**, and if you desaturate by 10%, it is **28.6720, 0.4982, 0.4339**.

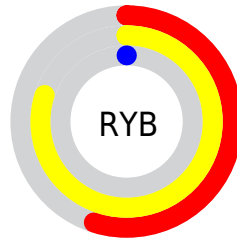
Distribution



Red (80%)

Green (47%)

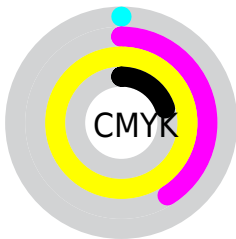
Blue (0%)



Red (55%)

Yellow (80%)

Blue (0%)

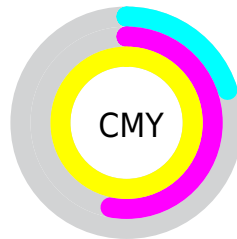


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5121, 0.5144, 0.4297 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 26.5121, 0.5144, 0.4297 by changing the saturation by 10% instead.

 26.5121, 0.5144,
0.4297


 26.5121, 0.5144,
0.4297


285.2870, 0.4139,
0.3914


 17.2071, 0.5349,
0.4318


 54.0999, 0.4804,
0.4207

 10.3823, 0.5627,
0.4338


 73.1516, 0.4666,
0.4157

 5.6532, 0.5808,
0.4192

 96.2210, 0.4547,
0.4109

 2.6353, 0.6051,
0.3949

 123.6924, 0.4443,
0.4063

 0.9445, 0.6460,
0.3540

 155.9504, 0.4352,
0.4021

 0.0000, 1.0000,
0.0000


 193.3792, 0.4273,


 0.0000, 0.0000,

0.3982

0.0000

 236.3632, 0.4202,
0.3947


 26.5121, 0.5144,
0.4297


 26.5121, 0.5144,
0.4297

 26.4971, 0.5145,
0.4297

 28.6720, 0.4982,
0.4339

 31.0637, 0.4790,
0.4334

 33.7110, 0.4571,
0.4278

 36.6281, 0.4337,
0.4180

 39.8272, 0.4101,
0.4051

■ 43.3194, 0.3872,
0.3903

■ 47.1150, 0.3658,
0.3747

■ 51.2235, 0.3462,
0.3589

■ 55.6541, 0.3284,
0.3435

Harmonies

Analogous

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



26.5121, 0.5372, 0.3523



26.5121, 0.5144, 0.4297



26.5121, 0.4378, 0.5082

Triad

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



26.5121, 0.5144, 0.4297



26.5121, 0.1618, 0.3530



26.5121, 0.2507, 0.1800

Complementary

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



26.5121, 0.5144, 0.4297



10.5684, 0.1687, 0.1273

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.



26.5121, 0.1737, 0.1662



26.5121, 0.5144, 0.4297



26.5121, 0.1303, 0.2404

Square

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



26.5121, 0.5144, 0.4297



26.5121, 0.2360, 0.4904



26.5121, 0.1353, 0.1828



26.5121, 0.3648, 0.2205

Rectangle

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



26.5121, 0.5144, 0.4297



26.5121, 0.3720, 0.5443



26.5121, 0.1353, 0.1828



26.5121, 0.2204, 0.1723

Sweetspot

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



26.5135, 0.5144, 0.4297



77.7286, 0.3668, 0.3754



13.4968, 0.5324, 0.2707



16.0512, 0.3758, 0.3821



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.



26.5135, 0.5144, 0.4297



43.4536, 0.5160, 0.4285



53.7467, 0.4047, 0.5168



12.3008, 0.3275, 0.3427



16.8663, 0.5128, 0.4310



1.0169, 0.4898, 0.4493

Inverse Universe

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



10.5684, 0.1687, 0.1273



17.0829, 0.1680, 0.1249



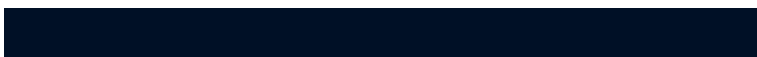
4.4832, 0.1525, 0.0614



11.5814, 0.2983, 0.3149



6.8154, 0.1694, 0.1298



0.4996, 0.1803, 0.1690

Previews

White Background



This preview shows how the Yxy color 26.5121, 0.5144, 0.4297 looks on a white background.

Color Contrast Check

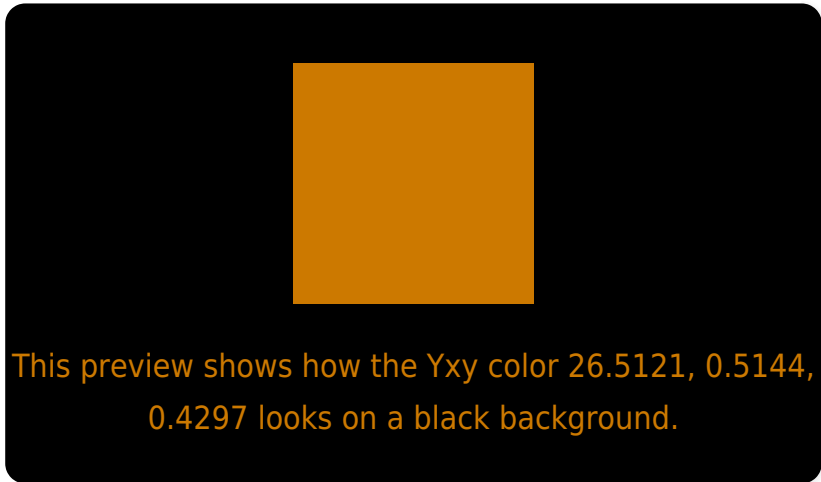
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 26.5121, 0.5144, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 26.5121, 0.5144, 0.4297.



This preview shows how white text looks on a background with the Yxy color 26.5121, 0.5144, 0.4297.

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

26.5121, 0.5144, 0.4297

Protanopia

26.7543, 0.4359, 0.4846

Deuteranopia

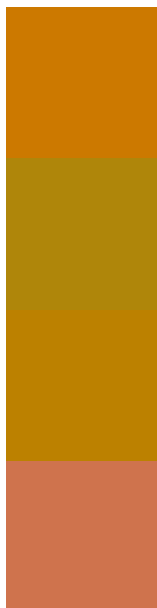
26.6339, 0.4719, 0.4635



Tritanopia

26.3787, 0.4250, 0.3180

Trichromacy



Original Color

26.5121, 0.5144, 0.4297

Protanomaly

26.1861, 0.4656, 0.4643

Deuteranomaly

26.3919, 0.4881, 0.4506

Tritanomaly

26.0627, 0.4773, 0.3746

Monochromacy



Original Color

26.5121, 0.5144, 0.4297

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.3475, 0.4008, 0.3996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5121, 0.5144, 0.4297 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(204, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 121, 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(204, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 121, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.5121, 0.5144, 0.4297 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(204, 121, 0) }
```

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

```
.border{ border-color:rgb(204, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 121,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5121, 0.5144, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 121, 0) }
```

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

```
.background{ background-color: rgb(204,  
121, 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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