

Converting Colors

$Y_{xy}(26.5566, 0.5049, 0.4121)$

Have a look what the booklet for
Yxy(26.5566, 0.5049, 0.4121)
contains.

Yxy(26.4619, 0.5050, 0.4122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4619, 0.5050, 0.4122)

Conversions

Conversions Part 1

Format	Color
Hex	CE7727
RGB	206, 119, 39
RGB Percent	81%, 47%, 15%
CMY	0.1921, 0.5333, 0.8472
CMYK	0.00, 0.42, 0.81, 0.19
HSL	29°, 68%, 48%
HSV	29°, 81%, 81%
XYZ	32.4194, 26.4619, 5.3155
YIQ	135.8930, 77.5320, -6.4360

Conversions

Conversions Part 2

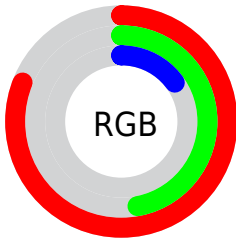
Format	Color
RYB	206, 193, 39
Decimal	13530919
CIELab	58.47, 28.34, 55.31
CIELCh	58, 62.146, 62.865
Yxy	26.4619, 0.5050, 0.4122
Android (android.graphics.Color)	4291720999 (0xFFCE7727)
YUV	135.8930, -47.7682, 61.4838
Hunter-Lab	51.4411, 22.4727, 29.8823

Details

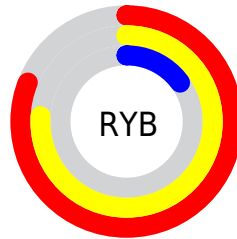
The Yxy color **26.4619, 0.5050, 0.4122** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **19.8058, 0.1935, 0.1972**, and the grayscale version is **24.7383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5204, 0.4587, 0.4083**, and **10.3672, 0.5459, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **23.9501, 0.5293, 0.4095**, and if you desaturate by 10%, it is **29.3390, 0.4776, 0.4096**.

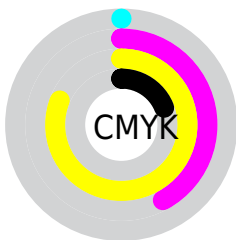
Distribution



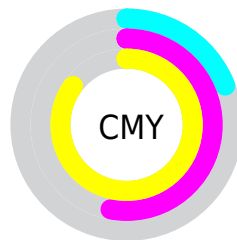
- Red (81%)
- Green (47%)
- Blue (15%)



- Red (81%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (42%)
- Yellow (81%)
- Black (19%)





- Cyan (19%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4619, 0.5050, 0.4122 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 26.4619, 0.5050, 0.4122 by changing the saturation by 10% instead.

 26.4619, 0.5050,
0.4122


 26.4619, 0.5050,
0.4122


285.0422, 0.4054,
0.3792


 17.1695, 0.5278,
0.4149


 54.0192, 0.4696,
0.4038

 10.3554, 0.5546,
0.4145


 73.0528, 0.4559,
0.3994

 5.6352, 0.5897,
0.4103


 96.1024, 0.4442,
0.3953

 2.6246, 0.6161,
0.3839

 123.5522, 0.4342,
0.3915

 0.9390, 0.6600,
0.3400

 155.7867, 0.4255,
0.3880

 0.0000, 1.0000,
0.0000

 193.1903, 0.4180,

 0.0000, 0.0000,

0.3848

0.0000

236.1473, 0.4113,
0.3819

■ 26.4619, 0.5050,
0.4122

■ 26.4619, 0.5050,
0.4122

■ 23.9501, 0.5293,
0.4095

■ 29.3390, 0.4776,
0.4096

■ 21.9905, 0.5479,
0.4031

■ 32.5968, 0.4491,
0.4027

■ 36.2544, 0.4212,
0.3926

■ 40.3276, 0.3949,
0.3806

■ 44.8316, 0.3709,
0.3678

■ 49.7803, 0.3496,
0.3548

■ 55.1870, 0.3308,
0.3422

■ 61.0645, 0.3144,
0.3303

■ 67.4247, 0.3001,
0.3191

Harmonies

Analogous

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



26.4619, 0.5097, 0.3413



26.4619, 0.5050, 0.4122



26.4619, 0.4453, 0.4823

Triad

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



26.4619, 0.5050, 0.4122



26.4619, 0.1869, 0.3747



26.4619, 0.2414, 0.1882

Complementary

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



26.4619, 0.5050, 0.4122



19.8058, 0.1935, 0.1972

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.



26.4619, 0.1768, 0.1808



26.4619, 0.5050, 0.4122



26.4619, 0.1488, 0.2667

Square

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



26.4619, 0.5050, 0.4122



26.4619, 0.2624, 0.4868



26.4619, 0.1467, 0.2037



26.4619, 0.3394, 0.2216

Rectangle

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



26.4619, 0.5050, 0.4122



26.4619, 0.3881, 0.5163



26.4619, 0.1467, 0.2037



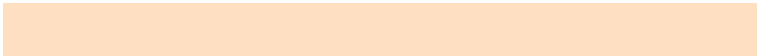
26.4619, 0.2159, 0.1827

Sweetspot

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



26.4633, 0.5050, 0.4122



77.9855, 0.3561, 0.3590



16.1330, 0.4412, 0.2366



16.0733, 0.3639, 0.3636



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.



26.4633, 0.5050, 0.4122



36.2371, 0.5440, 0.4042



54.7860, 0.4181, 0.4918



12.0856, 0.3278, 0.3401



13.7310, 0.5456, 0.4050



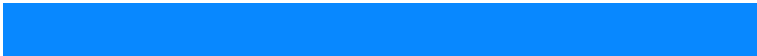
0.8601, 0.5146, 0.4296

Inverse Universe

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



19.8058, 0.1935, 0.1972



25.0186, 0.1801, 0.1667



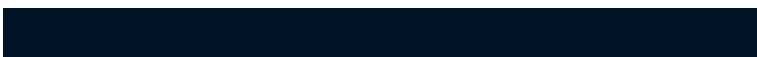
6.7293, 0.1640, 0.0856



11.7947, 0.2983, 0.3176



9.4544, 0.1795, 0.1661



0.6392, 0.1890, 0.2005

Previews

White Background



This preview shows how the Yxy color 26.4619, 0.5050, 0.4122 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 26.4619, 0.5050, 0.4122 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 26.4619, 0.5050, 0.4122

Background



This preview shows how black text looks on a background with the Yxy color 26.4619, 0.5050, 0.4122.



This preview shows how white text looks on a background with the Yxy color 26.4619, 0.5050, 0.4122.

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

26.4619, 0.5050, 0.4122

Protanopia

26.5083, 0.4233, 0.4656

Deuteranopia

26.6250, 0.4609, 0.4518



Tritanopia

26.4024, 0.4305, 0.3194

Trichromacy



Original Color

26.4619, 0.5050, 0.4122

Protanomaly

26.0634, 0.4532, 0.4456

Deuteranomaly

26.5132, 0.4768, 0.4376

Tritanomaly

26.3281, 0.4651, 0.3585

Monochromacy



Original Color

26.4619, 0.5050, 0.4122

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.4819, 0.3837, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4619, 0.5050, 0.4122 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(206, 119, 39)` looks like.

```
.text, #text, p{  
    color:rgb(206, 119, 39)  
}
```

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(206, 119, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 119, 39) }
```

Border

The CSS property to change the border of an element to Yxy 26.4619, 0.5050, 0.4122 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(206, 119, 39) }
```

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

```
.border{ border-color:rgb(206, 119, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 119, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 119, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 119, 39);  
box-shadow:4px 4px 4px 4px rgb(206, 119,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4619, 0.5050, 0.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 119, 39) }
```

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

```
.background{ background-color: rgb(206,  
119, 39) }
```

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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