

Converting Colors

$Yxy(26.3155, 0.5519, 0.3883)$

Have a look what the booklet for
Yxy(26.3155, 0.5519, 0.3883)
contains.

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Color

Yxy(26.2309, 0.5518, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	E56619
RGB	229, 102, 25
RGB Percent	90%, 40%, 10%
CMY	0.1020, 0.5999, 0.9023
CMYK	0.00, 0.55, 0.89, 0.10
HSL	23°, 80%, 50%
HSV	23°, 89%, 90%
XYZ	37.2375, 26.2309, 4.0153
YIQ	131.1950, 100.4090, 2.9770

Conversions

Conversions Part 2

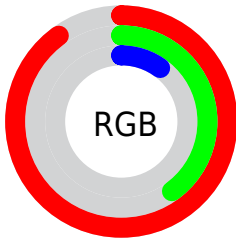
Format	Color
R_{YB}	229, 149, 25
Decimal	15033881
CIE _{Lab}	58.26, 45.79, 61.46
CIE _{LCh}	58, 76.642, 53.308
Yxy	26.2309, 0.5518, 0.3887
Android (android.graphics.Color)	4293223961 (0xFFE56619)
YUV	131.1950, -52.3541, 85.7750
Hunter-Lab	51.2161, 40.1531, 31.2030

Details

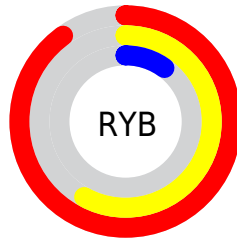
The Yxy color **26.2309, 0.5518, 0.3887** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **28.2842, 0.1947, 0.2139**, and the grayscale version is **22.9331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6014, 0.4807, 0.4019**, and **10.3036, 0.5960, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **23.6025, 0.5762, 0.3799**, and if you desaturate by 10%, it is **29.4203, 0.5220, 0.3926**.

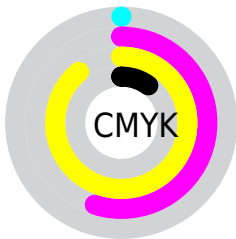
Distribution



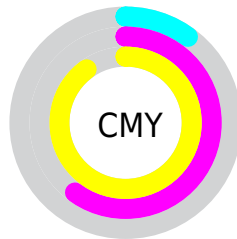
- Red (90%)
- Green (40%)
- Blue (10%)



- Red (90%)
- Yellow (58%)
- Blue (10%)



- Cyan (0%)
- Magenta (55%)
- Yellow (89%)
- Black (10%)





- Cyan (10%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2309, 0.5518, 0.3887 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 26.2309, 0.5518, 0.3887 by changing the saturation by 10% instead.


 26.2309, 0.5518,
0.3887

 26.2309, 0.5518,
0.3887


283.9137, 0.4297,
0.3746


 16.9965, 0.5785,
0.3846


 53.6472, 0.5093,
0.3889

 10.2320, 0.6119,
0.3765


 72.5979, 0.4925,
0.3873


 5.5530, 0.6444,
0.3556

 95.5561, 0.4781,
0.3853

 2.5753, 0.6813,
0.3187

 122.9062, 0.4657,
0.3831

 0.9142, 0.7387,
0.2613

 155.0326, 0.4549,
0.3808

 0.0000, 1.0000,
0.0000

 192.3197, 0.4454,

 0.0000, 0.0000,

0.3786

0.0000

235.1520, 0.4371,
0.3765

26.2309, 0.5518,
0.3887

26.2309, 0.5518,
0.3887

23.6025, 0.5762,
0.3799

29.4203, 0.5220,
0.3926

23.3944, 0.5782,
0.3791

33.2097, 0.4891,
0.3915

37.6354, 0.4556,
0.3862


42.7286, 0.4237,
0.3780

48.5182, 0.3947,
0.3683

 55.0312, 0.3691,
0.3580

 62.2930, 0.3468,
0.3476

 70.3278, 0.3277,
0.3376

 79.1583, 0.3114,
0.3282

Harmonies

Analogous

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



26.2309, 0.5376, 0.3116



26.2309, 0.5518, 0.3887



26.2309, 0.4904, 0.4751

Triad

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



26.2309, 0.5518, 0.3887



26.2309, 0.1832, 0.4353



26.2309, 0.1979, 0.1587

Complementary

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



26.2309, 0.5518, 0.3887



28.2842, 0.1947, 0.2139

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.



26.2309, 0.1389, 0.1590



26.2309, 0.5518, 0.3887



26.2309, 0.1285, 0.2848

Square

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



26.2309, 0.5518, 0.3887



26.2309, 0.2801, 0.5587



26.2309, 0.1166, 0.1950



26.2309, 0.3018, 0.1874

Rectangle

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



26.2309, 0.5518, 0.3887



26.2309, 0.4263, 0.5316



26.2309, 0.1166, 0.1950



26.2309, 0.1736, 0.1555

Sweetspot

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



26.2324, 0.5518, 0.3887



71.9792, 0.3645, 0.3559



19.6870, 0.4250, 0.2173



14.7589, 0.3726, 0.3595



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.



26.2324, 0.5518, 0.3887



29.6875, 0.5792, 0.3783



58.8654, 0.4394, 0.4830



15.2558, 0.3283, 0.3379



13.5906, 0.5754, 0.3813



1.1787, 0.5480, 0.4030

Inverse Universe

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



28.2842, 0.1947, 0.2139



31.9002, 0.1882, 0.1976



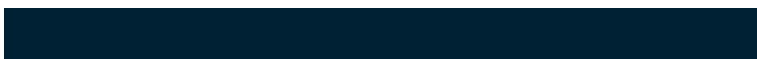
8.3297, 0.1593, 0.0841



15.3735, 0.2981, 0.3199



14.6172, 0.1891, 0.2006



1.2577, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 26.2309, 0.5518, 0.3887 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 26.2309, 0.5518, 0.3887 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 26.2309, 0.5518, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 26.2309, 0.5518, 0.3887.



This preview shows how white text looks on a background with the Yxy color 26.2309, 0.5518, 0.3887.

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

26.2309, 0.5518, 0.3887

Protanopia

26.4402, 0.4288, 0.4738

Deuteranopia

26.2400, 0.4722, 0.4633



Tritanopia

26.2798, 0.4886, 0.3233

Trichromacy



Original Color

26.2309, 0.5518, 0.3887

Protanomaly

25.4680, 0.4773, 0.4404

Deuteranomaly

25.8091, 0.5048, 0.4338

Tritanomaly

26.2053, 0.5202, 0.3538

Monochromacy



Original Color

26.2309, 0.5518, 0.3887

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.4211, 0.4086, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2309, 0.5518, 0.3887 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(229, 102, 25)` looks like.

```
.text, #text, p{  
    color:rgb(229, 102, 25)  
}
```

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(229, 102, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 102, 25) }
```

Border

The CSS property to change the border of an element to Yxy 26.2309, 0.5518, 0.3887 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(229, 102, 25) }
```

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

```
.border{ border-color:rgb(229, 102, 25) }
```

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

Here you see how a box with a 4 pixel rgb(229, 102, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 102, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 102, 25);  
box-shadow:4px 4px 4px 4px rgb(229, 102,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2309, 0.5518, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 102, 25) }
```

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

```
.background{ background-color: rgb(229,  
102, 25) }
```

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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