

Converting Colors

$Yxy(26.4745, 0.5359, 0.3929)$

Have a look what the booklet for
Yxy(26.4745, 0.5359, 0.3929)
contains.

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Color

Yxy(26.5344, 0.5352, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	DF6C23
RGB	223, 108, 35
RGB Percent	87%, 42%, 14%
CMY	0.1255, 0.5765, 0.8624
CMYK	0.00, 0.52, 0.84, 0.13
HSL	23°, 75%, 51%
HSV	23°, 84%, 87%
XYZ	36.0987, 26.5344, 4.8159
YIQ	134.0630, 91.9730, 1.6770

Conversions

Conversions Part 2

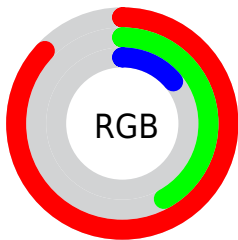
Format	Color
R_{YB}	223, 154, 35
Decimal	14642211
CIE _{Lab}	58.54, 40.80, 57.79
CIE _{LCh}	59, 70.739, 54.779
Yxy	26.5344, 0.5352, 0.3934
Android (android.graphics.Color)	4292832291 (0xFFDF6C23)
YUV	134.0630, -48.8381, 77.9977
Hunter-Lab	51.5116, 34.9454, 30.5150

Details

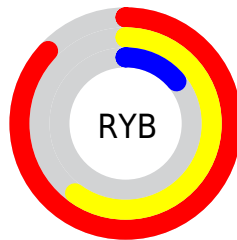
The Yxy color **26.5344, 0.5352, 0.3934** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27.5265, 0.1975, 0.2180**, and the grayscale version is **24.0265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4379, 0.4706, 0.4007**, and **10.5033, 0.5805, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **23.7856, 0.5619, 0.3870**, and if you desaturate by 10%, it is **29.8208, 0.5040, 0.3945**.

Distribution



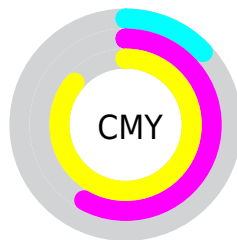
- Red (87%)
- Green (42%)
- Blue (14%)



- Red (87%)
- Yellow (60%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5344, 0.5352, 0.3934 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 26.5344, 0.5352, 0.3934 by changing the saturation by 10% instead.

 26.5344, 0.5352,
0.3934


 26.5344, 0.5352,
0.3934


285.3956, 0.4204,
0.3740


 17.2239, 0.5611,
0.3916


 54.1358, 0.4947,
0.3909

 10.3942, 0.5921,
0.3854


 73.1955, 0.4789,
0.3885


 5.6611, 0.6288,
0.3712

 96.2736, 0.4654,
0.3859

 2.6401, 0.6628,
0.3372

 123.7547, 0.4538,
0.3833

 0.9469, 0.7166,
0.2834

 156.0230, 0.4438,
0.3807

 0.0000, 1.0000,
0.0000

 193.4630, 0.4350,

 0.0000, 0.0000,

0.3783

0.0000

236.4591, 0.4272,
0.3761

■ 26.5344, 0.5352,
0.3934

■ 26.5344, 0.5352,
0.3934

■ 23.7856, 0.5619,
0.3870

■ 29.8208, 0.5040,
0.3945


■ 22.4287, 0.5751,
0.3816

■ 33.6738, 0.4710,
0.3909

■ 38.1246, 0.4387,
0.3838

■ 43.2003, 0.4085,
0.3746

■ 48.9261, 0.3814,
0.3642

 55.3259, 0.3576,
0.3535

 62.4219, 0.3371,
0.3430

 70.2354, 0.3194,
0.3331

 78.7868, 0.3044,
0.3238

Harmonies

Analogous

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



26.5344, 0.5233, 0.3187



26.5344, 0.5352, 0.3934



26.5344, 0.4783, 0.4741

Triad

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



26.5344, 0.5352, 0.3934



26.5344, 0.1896, 0.4192



26.5344, 0.2095, 0.1692

Complementary

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



26.5344, 0.5352, 0.3934



27.5265, 0.1975, 0.2180

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.



26.5344, 0.1507, 0.1685



26.5344, 0.5352, 0.3934



26.5344, 0.1384, 0.2844

Square

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



26.5344, 0.5352, 0.3934



26.5344, 0.2803, 0.5346



26.5344, 0.1278, 0.2020



26.5344, 0.3091, 0.1980

Rectangle

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



26.5344, 0.5352, 0.3934



26.5344, 0.4183, 0.5234



26.5344, 0.1278, 0.2020



26.5344, 0.1855, 0.1657

Sweetspot

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



26.5359, 0.5352, 0.3934



74.1376, 0.3597, 0.3545



19.1287, 0.4220, 0.2204



15.1952, 0.3678, 0.3583



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.



26.5359, 0.5352, 0.3934



30.1737, 0.5764, 0.3806



57.6194, 0.4330, 0.4832



14.5683, 0.3282, 0.3381



13.3917, 0.5724, 0.3837



1.0984, 0.5438, 0.4064

Inverse Universe

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



27.5265, 0.1975, 0.2180



31.0146, 0.1872, 0.1939



8.6140, 0.1634, 0.0909



14.6326, 0.2981, 0.3197



13.7896, 0.1881, 0.1971



1.1281, 0.1943, 0.2196

Previews

White Background



This preview shows how the Yxy color 26.5344, 0.5352, 0.3934 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 26.5344, 0.5352, 0.3934 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 26.5344, 0.5352, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 26.5344, 0.5352, 0.3934.



This preview shows how white text looks on a background with the Yxy color 26.5344, 0.5352, 0.3934.

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

26.5344, 0.5352, 0.3934

Protanopia

26.7970, 0.4228, 0.4676

Deuteranopia

26.5731, 0.4655, 0.4576



Tritanopia

26.5588, 0.4691, 0.3217

Trichromacy



Original Color

26.5344, 0.5352, 0.3934

Protanomaly

26.0704, 0.4658, 0.4388

Deuteranomaly

26.2157, 0.4920, 0.4332

Tritanomaly

26.5023, 0.5004, 0.3538

Monochromacy



Original Color

26.5344, 0.5352, 0.3934

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6561, 0.3965, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5344, 0.5352, 0.3934 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(223, 108, 35)` looks like.

```
.text, #text, p{  
    color:rgb(223, 108, 35)  
}
```

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(223, 108, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 35) }
```

Border

The CSS property to change the border of an element to Yxy 26.5344, 0.5352, 0.3934 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(223, 108, 35) }
```

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

```
.border{ border-color:rgb(223, 108, 35) }
```

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

Here you see how a box with a 4 pixel rgb(223, 108, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 35);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5344, 0.5352, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 35) }
```

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

```
.background{ background-color: rgb(223,  
108, 35) }
```

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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