

Converting Colors

$Y_{xy}(24.2597, 0.6029, 0.3595)$

Have a look what the booklet for
Yxy(24.2597, 0.6029, 0.3595)
contains.

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Color

Yxy(24.1545, 0.6031, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	F74600
RGB	247, 70, 0
RGB Percent	97%, 27%, 0%
CMY	0.0314, 0.7254, 0.9997
CMYK	0.00, 0.72, 1.00, 0.03
HSL	17°, 100%, 48%
HSV	17°, 100%, 97%
XYZ	40.5443, 24.1545, 2.5277
YIQ	114.9430, 127.9620, 15.7540

Conversions

Conversions Part 2

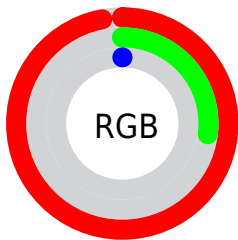
Format	Color
R_{YB}	247, 98, 0
Decimal	16205312
CIE Lab	56.24, 65.00, 67.50
CIE LCh	56, 93.708, 46.082
Yxy	24.1545, 0.6031, 0.3593
Android (android.graphics.Color)	4294395392 (0xFFFF74600)
YUV	114.9430, -56.6669, 115.8140
Hunter-Lab	49.1472, 61.2471, 31.3537

Details

The Yxy color **24.1545, 0.6031, 0.3593** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **38.1734, 0.1979, 0.2323**, and the grayscale version is **17.2798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3194, 0.5176, 0.3864**, and **9.8238, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.1481, 0.6032, 0.3593**, and if you desaturate by 10%, it is **26.7765, 0.5782, 0.3687**.

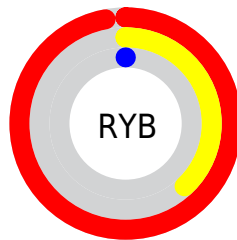
Distribution



Red (97%)

Green (27%)

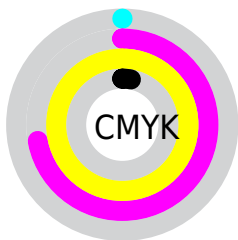
Blue (0%)



Red (97%)

Yellow (38%)

Blue (0%)

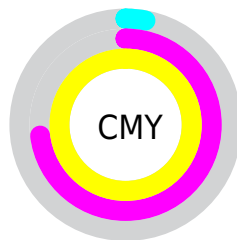


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (73%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1545, 0.6031, 0.3593 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 24.1545, 0.6031, 0.3593 by changing the saturation by 10% instead.


 24.1545, 0.6031,
0.3593


 24.1545, 0.6031,
0.3593


273.6007, 0.4568,
0.3681


 15.4483, 0.6332,
0.3475


 50.2822, 0.5535,
0.3697

 9.1346, 0.6704,
0.3296


 68.4725, 0.5335,
0.3715


 4.8291, 0.7037,
0.2963

 90.5929, 0.5161,
0.3720

 2.1473, 0.7503,
0.2497

 117.0278, 0.5010,
0.3718

 0.6910, 0.8208,
0.1792

 148.1616, 0.4878,
0.3712

 0.0000, 1.0000,
0.0000


 184.3788, 0.4762,


 0.0000, 0.0000,


0.3703

0.0000


 226.0637, 0.4659,
0.3693

 24.1545, 0.6031,
0.3593

 24.1545, 0.6031,
0.3593


 24.1481, 0.6032,
0.3593

 26.7765, 0.5782,
0.3687

 30.1893, 0.5456,
0.3742

 34.4681, 0.5083,
0.3752

 39.6719, 0.4701,
0.3723

 45.8540, 0.4341,
0.3667

■ 53.0632, 0.4017,
0.3595

■ 61.3451, 0.3736,
0.3517

■ 70.7420, 0.3497,
0.3438

■ 81.2944, 0.3295,
0.3361

Harmonies

Analogous

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



24.1545, 0.5694, 0.2796



24.1545, 0.6031, 0.3593



24.1545, 0.5353, 0.4567

Triad

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



24.1545, 0.6031, 0.3593



24.1545, 0.1742, 0.5167



24.1545, 0.1554, 0.1286

Complementary

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



24.1545, 0.6031, 0.3593



38.1734, 0.1979, 0.2323

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.



24.1545, 0.1025, 0.1352



24.1545, 0.6031, 0.3593



24.1545, 0.1046, 0.3065

Square

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



24.1545, 0.6031, 0.3593



24.1545, 0.2898, 0.6346



24.1545, 0.0862, 0.1831



24.1545, 0.2614, 0.1527

Rectangle

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



24.1545, 0.6031, 0.3593



24.1545, 0.4604, 0.5338



24.1545, 0.0862, 0.1831



24.1545, 0.1329, 0.1272

Sweetspot

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



24.1560, 0.6031, 0.3593



65.8832, 0.3738, 0.3517



23.1152, 0.4040, 0.1999



13.2669, 0.3852, 0.3551



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.



24.1560, 0.6031, 0.3593



25.9263, 0.6034, 0.3591



56.3279, 0.4686, 0.4661



17.2469, 0.3287, 0.3358



12.9803, 0.6002, 0.3616



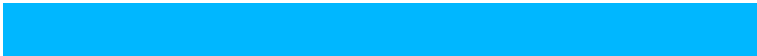
1.3082, 0.5759, 0.3810

Inverse Universe

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



38.1734, 0.1979, 0.2323



40.9867, 0.1978, 0.2321



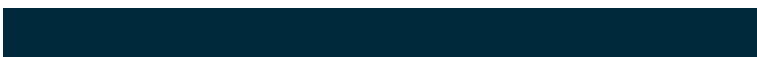
9.7104, 0.1564, 0.0831



17.9179, 0.2980, 0.3221



20.4397, 0.1984, 0.2340



1.9705, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 24.1545, 0.6031, 0.3593 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 24.1545, 0.6031, 0.3593 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 24.1545, 0.6031, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 24.1545, 0.6031, 0.3593.



This preview shows how white text looks on a background with the Yxy color 24.1545, 0.6031, 0.3593.

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

24.1545, 0.6031, 0.3593

Protanopia

24.3629, 0.4313, 0.4787

Deuteranopia

24.0963, 0.4717, 0.4637



Tritanopia

24.1544, 0.5648, 0.3276

Trichromacy



Original Color

24.1545, 0.6031, 0.3593

Protanomaly

22.1936, 0.5074, 0.4268

Deuteranomaly

22.6575, 0.5304, 0.4171

Tritanomaly

24.1452, 0.5873, 0.3446

Monochromacy



Original Color

24.1545, 0.6031, 0.3593

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.1912, 0.4468, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1545, 0.6031, 0.3593 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(247, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 70, 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(247, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 70, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.1545, 0.6031, 0.3593 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(247, 70, 0) }
```

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

```
.border{ border-color:rgb(247, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 70, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.1545, 0.6031, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 70, 0) }
```

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

```
.background{ background-color: rgb(247, 70,  
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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