

Converting Colors

$Yxy(24.5458, 0.6050, 0.3578)$

Have a look what the booklet for
Yxy(24.5458, 0.6050, 0.3578)
contains.

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Color

Yxy(24.5802, 0.6050, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	FA4500
RGB	250, 69, 0
RGB Percent	98%, 27%, 0%
CMY	0.0196, 0.7293, 1.0000
CMYK	0.00, 0.72, 1.00, 0.02
HSL	17°, 100%, 49%
HSV	17°, 100%, 98%
XYZ	41.5508, 24.5802, 2.5480
YIQ	115.2530, 130.0250, 16.9130

Conversions

Conversions Part 2

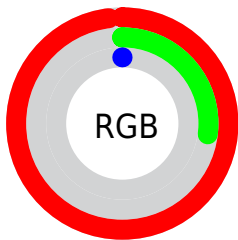
Format	Color
R_{YB}	250, 95, 0
Decimal	16401664
CIE _{Lab}	56.66, 66.27, 68.08
CIE _{LCh}	57, 95.005, 45.771
Yxy	24.5802, 0.6050, 0.3579
Android (android.graphics.Color)	4294591744 (0xFFFA4500)
YUV	115.2530, -56.8197, 118.1731
Hunter-Lab	49.5784, 62.8354, 31.6578

Details

The Yxy color **24.5802, 0.6050, 0.3579** 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 **39.9397, 0.1986, 0.2348**, and the grayscale version is **17.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0572, 0.5186, 0.3854**, and **10.1903, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.5822, 0.6049, 0.3579**, and if you desaturate by 10%, it is **27.2291, 0.5801, 0.3672**.

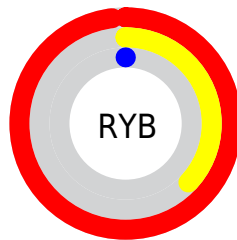
Distribution



Red (98%)

Green (27%)

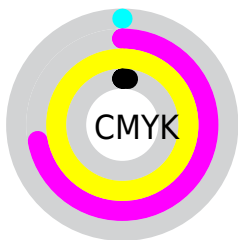
Blue (0%)



Red (98%)

Yellow (37%)

Blue (0%)

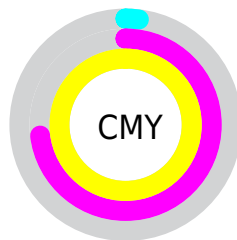


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5802, 0.6050, 0.3579 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 24.5802, 0.6050, 0.3579 by changing the saturation by 10% instead.

 24.5802, 0.6050,
0.3579


 24.5802, 0.6050,
0.3579


275.7408, 0.4583,
0.3678


 15.7646, 0.6351,
0.3459

 50.9754, 0.5554,
0.3687


 9.3577, 0.6721,
0.3279


 69.3237, 0.5354,
0.3706

 4.9752, 0.7053,
0.2947

 91.6184, 0.5180,
0.3713

 2.2327, 0.7515,
0.2485

 118.2438, 0.5028,
0.3712

 0.7378, 0.8196,
0.1804

 149.5843, 0.4895,
0.3706

 0.0000, 1.0000,
0.0000


 186.0244, 0.4778,

 0.0000, 0.0000,

0.3698


0.0000


 227.9485, 0.4675,
0.3688


 24.5802, 0.6050,
0.3579


 24.5802, 0.6050,
0.3579

 24.5822, 0.6049,
0.3579

 27.2291, 0.5801,
0.3672

 30.7009, 0.5474,
0.3728

 35.0752, 0.5098,
0.3739

 40.4147, 0.4713,
0.3712

 46.7756, 0.4348,
0.3658

■ 54.2096, 0.4022,
0.3588

■ 62.7648, 0.3739,
0.3511

■ 72.4860, 0.3499,
0.3434

■ 83.4158, 0.3296,
0.3360

Harmonies

Analogous

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



24.5802, 0.5702, 0.2782



24.5802, 0.6050, 0.3579



24.5802, 0.5372, 0.4555

Triad

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



24.5802, 0.6050, 0.3579



24.5802, 0.1741, 0.5206



24.5802, 0.1537, 0.1275

Complementary

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



24.5802, 0.6050, 0.3579



39.9397, 0.1986, 0.2348

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.



24.5802, 0.1012, 0.1344



24.5802, 0.6050, 0.3579



24.5802, 0.1039, 0.3079

Square

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



24.5802, 0.6050, 0.3579



24.5802, 0.2903, 0.6372



24.5802, 0.0852, 0.1829



24.5802, 0.2596, 0.1514

Rectangle

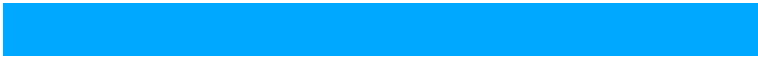
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.5802, 0.6050, 0.3579



24.5802, 0.4619, 0.5333



24.5802, 0.0852, 0.1829



24.5802, 0.1313, 0.1263

Sweetspot

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



24.5822, 0.6049, 0.3579



65.6276, 0.3740, 0.3512



23.7560, 0.4041, 0.2000



13.2076, 0.3854, 0.3544



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.



24.5822, 0.6049, 0.3579



25.6908, 0.6051, 0.3577



57.8752, 0.4687, 0.4661



18.0051, 0.3287, 0.3356



13.2452, 0.6021, 0.3601



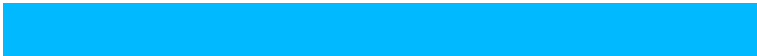
1.3962, 0.5790, 0.3785

Inverse Universe

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



39.9397, 0.1986, 0.2348



41.7498, 0.1985, 0.2347



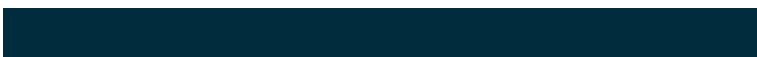
9.9617, 0.1564, 0.0829



18.7507, 0.2980, 0.3223



21.4395, 0.1990, 0.2365



2.1631, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 24.5802, 0.6050, 0.3579 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 24.5802, 0.6050, 0.3579 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 24.5802, 0.6050, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 24.5802, 0.6050, 0.3579.



This preview shows how white text looks on a background with the Yxy color 24.5802, 0.6050, 0.3579.

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

24.5802, 0.6050, 0.3579

Protanopia

24.7475, 0.4308, 0.4783

Deuteranopia

24.4712, 0.4714, 0.4639



Tritanopia

24.5813, 0.5683, 0.3277

Trichromacy



Original Color

24.5802, 0.6050, 0.3579

Protanomaly

22.3234, 0.5080, 0.4257

Deuteranomaly

22.7948, 0.5312, 0.4164

Tritanomaly

24.5801, 0.5893, 0.3435

Monochromacy



Original Color

24.5802, 0.6050, 0.3579

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.1089, 0.4491, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5802, 0.6050, 0.3579 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(250, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 69, 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(250, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 69, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.5802, 0.6050, 0.3579 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(250, 69, 0) }
```

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

```
.border{ border-color:rgb(250, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 69, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.5802, 0.6050, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 69, 0) }
```

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

```
.background{ background-color: rgb(250, 69,  
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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