

Converting Colors

$Y_{xy}(25.6231, 0.6001, 0.3607)$

Have a look what the booklet for
Yxy(25.6231, 0.6001, 0.3607)
contains.

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Color

Yxy(25.5996, 0.6002, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	FC4A03
RGB	252, 74, 3
RGB Percent	99%, 29%, 1%
CMY	0.0118, 0.7097, 0.9880
CMYK	0.00, 0.71, 0.99, 0.01
HSL	17°, 98%, 50%
HSV	17°, 99%, 99%
XYZ	42.6092, 25.5996, 2.7829
YIQ	119.1280, 128.8790, 15.6550

Conversions

Conversions Part 2

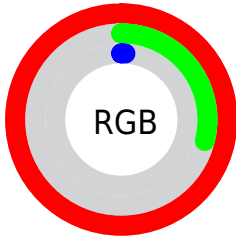
Format	Color
RYB	252, 102, 3
Decimal	16534019
CIELab	57.66, 65.19, 68.08
CIELCh	58, 94.259, 46.241
Yxy	25.5996, 0.6002, 0.3606
Android (android.graphics.Color)	4294724099 (0xFFFC4A03)
YUV	119.1280, -57.2511, 116.5287
Hunter-Lab	50.5960, 61.7798, 32.1562

Details

The Yxy color **25.5996, 0.6002, 0.3606** 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 **40.1056, 0.1982, 0.2328**, and the grayscale version is **18.6493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1442, 0.5132, 0.3881**, and **10.4391, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **25.3084, 0.6029, 0.3595**, and if you desaturate by 10%, it is **28.4396, 0.5746, 0.3698**.

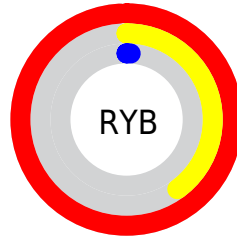
Distribution



Red (99%)

Green (29%)

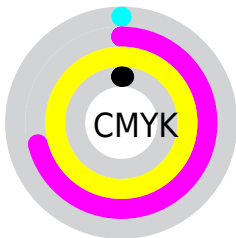
Blue (1%)



Red (99%)

Yellow (40%)

Blue (1%)

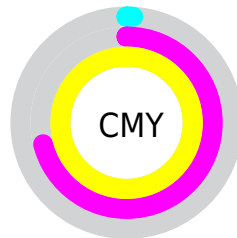


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5996, 0.6002, 0.3606 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 25.5996, 0.6002, 0.3606 by changing the saturation by 10% instead.


 25.5996, 0.6002,
0.3606


 25.5996, 0.6002,
0.3606


280.8110, 0.4564,
0.3684

 16.5243, 0.6297,
0.3495


 52.6283, 0.5516,
0.3704


 9.8959, 0.6669,
0.3331


 71.3505, 0.5320,
0.3720


 5.3300, 0.6988,
0.3012

 94.0572, 0.5149,
0.3724

 2.4422, 0.7432,
0.2568

 121.1327, 0.5000,
0.3722

 0.8475, 0.8073,
0.1927

 152.9614, 0.4870,
0.3715

 0.0000, 1.0000,
0.0000


 189.9278, 0.4756,


 0.0000, 0.0000,


0.3706

0.0000


 232.4162, 0.4655,
0.3695


 25.5996, 0.6002,
0.3606


 25.5996, 0.6002,
0.3606


 25.3084, 0.6029,
0.3595

 28.4396, 0.5746,
0.3698

 32.1182, 0.5413,
0.3749

 36.7091, 0.5038,
0.3754

 42.2734, 0.4658,
0.3720

 48.8660, 0.4301,
0.3662

■ 56.5374, 0.3982,
0.3588

■ 65.3347, 0.3706,
0.3509

■ 75.3020, 0.3472,
0.3429

■ 86.4811, 0.3274,
0.3353

Harmonies

Analogous

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



25.5996, 0.5668, 0.2810



25.5996, 0.6002, 0.3606



25.5996, 0.5331, 0.4571

Triad

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



25.5996, 0.6002, 0.3606



25.5996, 0.1756, 0.5127



25.5996, 0.1573, 0.1303

Complementary

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



25.5996, 0.6002, 0.3606



40.1056, 0.1982, 0.2328

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.



25.5996, 0.1043, 0.1368



25.5996, 0.6002, 0.3606



25.5996, 0.1064, 0.3063

Square

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



25.5996, 0.6002, 0.3606



25.5996, 0.2905, 0.6304



25.5996, 0.0879, 0.1844



25.5996, 0.2629, 0.1544

Rectangle

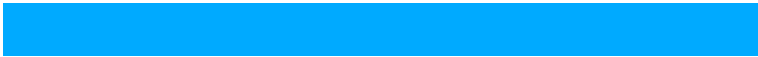
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.5996, 0.6002, 0.3606



25.5996, 0.4589, 0.5328



25.5996, 0.0879, 0.1844



25.5996, 0.1347, 0.1289

Sweetspot

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



25.6011, 0.6002, 0.3606



65.9462, 0.3738, 0.3519



24.1158, 0.4090, 0.2031



13.2815, 0.3851, 0.3552



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.



25.6011, 0.6002, 0.3606



25.9852, 0.6030, 0.3594



61.1152, 0.4637, 0.4695



18.0309, 0.3287, 0.3358



13.3998, 0.6000, 0.3618



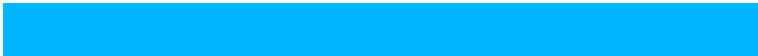
1.4134, 0.5768, 0.3802

Inverse Universe

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



40.1056, 0.1982, 0.2328



40.8007, 0.1976, 0.2314



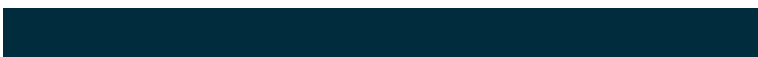
9.9725, 0.1562, 0.0817



18.7233, 0.2980, 0.3221



20.9626, 0.1982, 0.2333



2.1221, 0.2017, 0.2461

Previews

White Background



This preview shows how the Yxy color 25.5996, 0.6002, 0.3606 looks on a white background.

Color Contrast Check

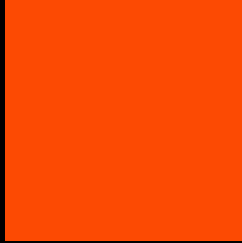
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5996, 0.6002, 0.3606 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 25.5996, 0.6002, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 25.5996, 0.6002, 0.3606.



This preview shows how white text looks on a background with the Yxy color 25.5996, 0.6002, 0.3606.

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

25.5996, 0.6002, 0.3606

Protanopia

25.6170, 0.4320, 0.4780

Deuteranopia

25.6165, 0.4704, 0.4647



Tritanopia

25.6068, 0.5603, 0.3275

Trichromacy



Original Color

25.5996, 0.6002, 0.3606

Protanomaly

23.3849, 0.5062, 0.4268

Deuteranomaly

24.0676, 0.5276, 0.4188

Tritanomaly

25.5944, 0.5831, 0.3449

Monochromacy



Original Color

25.5996, 0.6002, 0.3606

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.4518, 0.4426, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5996, 0.6002, 0.3606 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(252, 74, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 74, 3)  
}
```

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(252, 74, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 74, 3) }
```

Border

The CSS property to change the border of an element to Yxy 25.5996, 0.6002, 0.3606 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(252, 74, 3) }
```

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

```
.border{ border-color:rgb(252, 74, 3) }
```

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

Here you see how a box with a 4 pixel rgb(252, 74, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 74, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 74, 3);  
box-shadow:4px 4px 4px 4px rgb(252, 74, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.5996, 0.6002, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 74, 3) }
```

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

```
.background{ background-color: rgb(252, 74,  
3) }
```

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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