

Converting Colors

Yxy(24.2046, 0.6174, 0.3600)

Have a look what the booklet for
Yxy(24.2046, 0.6174, 0.3600)
contains.

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Color

Yxy(24.2898, 0.6088, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	FB4100
RGB	251, 65, 0
RGB Percent	98%, 25%, 0%
CMY	0.0156, 0.7452, 0.9999
CMYK	0.00, 0.74, 1.00, 0.02
HSL	16°, 100%, 49%
HSV	16°, 100%, 98%
XYZ	41.6788, 24.2898, 2.4920
YIQ	113.2040, 131.7210, 19.2170

Conversions

Conversions Part 2

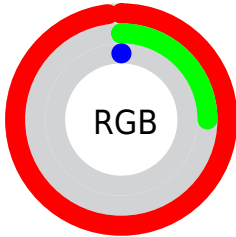
Format	Color
R_{YB}	251, 88, 0
Decimal	16466176
CIE _{Lab}	56.38, 67.90, 68.00
CIE _{LCh}	56, 96.096, 45.046
Yxy	24.2898, 0.6088, 0.3548
Android (android.graphics.Color)	4294656256 (0xFFFB4100)
YUV	113.2040, -55.8096, 120.8471
Hunter-Lab	49.2847, 64.7046, 31.5014

Details

The Yxy color **24.2898, 0.6088, 0.3548** 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 **42.1030, 0.2003, 0.2411**, and the grayscale version is **16.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2861, 0.5215, 0.3825**, and **10.3143, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.2902, 0.6088, 0.3548**, and if you desaturate by 10%, it is **26.8601, 0.5840, 0.3639**.

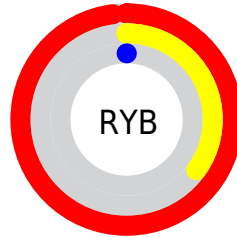
Distribution



Red (98%)

Green (25%)

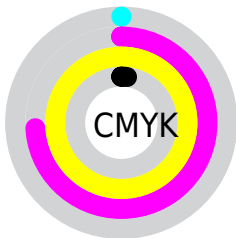
Blue (0%)



Red (98%)

Yellow (35%)

Blue (0%)

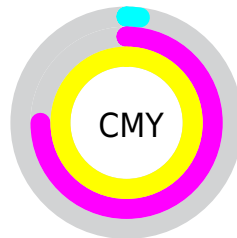


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2898, 0.6088, 0.3548 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 24.2898, 0.6088, 0.3548 by changing the saturation by 10% instead.


 24.2898, 0.6088,
0.3548

 24.2898, 0.6088,
0.3548


274.2824, 0.4601,
0.3667


 15.5487, 0.6393,
0.3423


 50.5027, 0.5585,
0.3664

 9.2054, 0.6766,
0.3234


 68.7433, 0.5382,
0.3686


 4.8754, 0.7104,
0.2896


 90.9193, 0.5205,
0.3695

 2.1743, 0.7574,
0.2426

 117.4149, 0.5051,
0.3696

 0.7059, 0.8270,
0.1730

 148.6146, 0.4917,
0.3692

 0.0000, 1.0000,
0.0000


 184.9028, 0.4799,


 0.0000, 0.0000,

0.3685

0.0000


 226.6640, 0.4694,
0.3676

 24.2898, 0.6088,
0.3548


 24.2898, 0.6088,
0.3548

 24.2902, 0.6088,
0.3548

 26.8601, 0.5840,
0.3639

 30.2853, 0.5509,
0.3696

 34.6503, 0.5126,
0.3709

 40.0224, 0.4733,
0.3685

 46.4621, 0.4362,
0.3635

■ 54.0249, 0.4030,
0.3570

■ 62.7623, 0.3743,
0.3498

■ 72.7225, 0.3500,
0.3425

■ 83.9508, 0.3297,
0.3355

Harmonies

Analogous

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



24.2898, 0.5713, 0.2752



24.2898, 0.6088, 0.3548



24.2898, 0.5415, 0.4529

Triad

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



24.2898, 0.6088, 0.3548



24.2898, 0.1743, 0.5292



24.2898, 0.1502, 0.1255

Complementary

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



24.2898, 0.6088, 0.3548



42.1030, 0.2003, 0.2411

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.



24.2898, 0.0986, 0.1330



24.2898, 0.6088, 0.3548



24.2898, 0.1026, 0.3115

Square

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



24.2898, 0.6088, 0.3548



24.2898, 0.2918, 0.6420



24.2898, 0.0832, 0.1828



24.2898, 0.2553, 0.1487

Rectangle

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



24.2898, 0.6088, 0.3548



24.2898, 0.4657, 0.5320



24.2898, 0.0832, 0.1828



24.2898, 0.1281, 0.1244

Sweetspot

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



24.2913, 0.6088, 0.3548



65.0208, 0.3744, 0.3498



24.1550, 0.3980, 0.1966



13.0671, 0.3859, 0.3529



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.



24.2913, 0.6088, 0.3548



25.1572, 0.6089, 0.3547



56.5926, 0.4729, 0.4627



17.9555, 0.3288, 0.3352



12.9641, 0.6060, 0.3570



1.3644, 0.5830, 0.3753

Inverse Universe

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



42.1030, 0.2003, 0.2411



43.6125, 0.2003, 0.2410



10.4951, 0.1572, 0.0860



18.8034, 0.2980, 0.3227



22.3750, 0.2008, 0.2427



2.2433, 0.2040, 0.2542

Previews

White Background



This preview shows how the Yxy color 24.2898, 0.6088, 0.3548 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 24.2898, 0.6088, 0.3548 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 24.2898, 0.6088, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 24.2898, 0.6088, 0.3548.



This preview shows how white text looks on a background with the Yxy color 24.2898, 0.6088, 0.3548.

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

24.2898, 0.6088, 0.3548

Protanopia

24.4693, 0.4316, 0.4765

Deuteranopia

24.3584, 0.4703, 0.4648



Tritanopia

24.3807, 0.5762, 0.3291

Trichromacy



Original Color

24.2898, 0.6088, 0.3548

Protanomaly

22.0144, 0.5119, 0.4225

Deuteranomaly

22.5874, 0.5327, 0.4153

Tritanomaly

24.2872, 0.5957, 0.3425

Monochromacy



Original Color

24.2898, 0.6088, 0.3548

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.6202, 0.4512, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2898, 0.6088, 0.3548 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(251, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 65, 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(251, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 65, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.2898, 0.6088, 0.3548 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(251, 65, 0) }
```

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

```
.border{ border-color:rgb(251, 65, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 65, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 65, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.2898, 0.6088, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 65, 0) }
```

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

```
.background{ background-color: rgb(251, 65,  
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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