

Converting Colors

$Y_{xy}(25.9215, 0.6027, 0.3585)$

Have a look what the booklet for
Yxy(25.9215, 0.6027, 0.3585)
contains.

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Color

$\text{Yxy}(25.9013, 0.6030, 0.3584)$

Conversions

Conversions Part 1

Format	Color
Hex	FF4803
RGB	255, 72, 3
RGB Percent	100%, 28%, 1%
CMY	0.0000, 0.7177, 0.9881
CMYK	0.00, 0.72, 0.99, 0.00
HSL	16°, 100%, 51%
HSV	16°, 99%, 100%
XYZ	43.5784, 25.9013, 2.7896
YIQ	118.8510, 131.2170, 17.3370

Conversions

Conversions Part 2

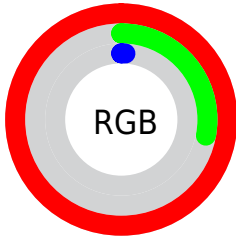
Format	Color
R_{YB}	255, 98, 3
Decimal	16730115
CIE Lab	57.94, 66.83, 68.53
CIE LCh	58, 95.720, 45.719
Yxy	25.9013, 0.6030, 0.3584
Android (android.graphics.Color)	4294920195 (0xFFFF4803)
YUV	118.8510, -57.1145, 119.4027
Hunter-Lab	50.8933, 63.7807, 32.3755

Details

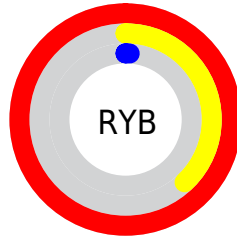
The Yxy color **25.9013, 0.6030, 0.3584** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **42.3757, 0.1993, 0.2368**, and the grayscale version is **18.5499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8743, 0.5142, 0.3871**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **25.6136, 0.6057, 0.3573**, and if you desaturate by 10%, it is **28.7452, 0.5774, 0.3676**.

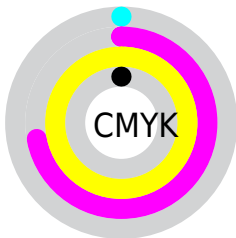
Distribution



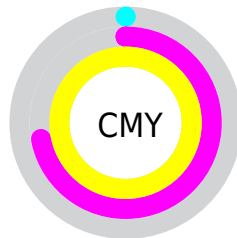
- Red (100%)
- Green (28%)
- Blue (1%)



- Red (100%)
- Yellow (38%)
- Blue (1%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9013, 0.6030, 0.3584 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 25.9013, 0.6030, 0.3584 by changing the saturation by 10% instead.


 25.9013, 0.6030,
0.3584


 25.9013, 0.6030,
0.3584


282.2972, 0.4583,
0.3677

 16.7498, 0.6326,
0.3470


 53.1157, 0.5542,
0.3687

 10.0563, 0.6698,
0.3302


 71.9474, 0.5344,
0.3705


 5.4363, 0.7018,
0.2982


 94.7746, 0.5173,
0.3712

 2.5055, 0.7461,
0.2539

 121.9817, 0.5023,
0.3711

 0.8794, 0.8095,
0.1905

 153.9531, 0.4892,
0.3705

 0.0000, 1.0000,
0.0000


 191.0733, 0.4776,


 0.0000, 0.0000,


0.3697

0.0000

 233.7265, 0.4674,
0.3687


 25.9013, 0.6030,
0.3584


 25.9013, 0.6030,
0.3584

 25.6136, 0.6057,
0.3573

 28.7452, 0.5774,
0.3676

 32.4707, 0.5439,
0.3727

 37.1543, 0.5058,
0.3734

 42.8613, 0.4673,
0.3703

 49.6508, 0.4311,
0.3647

■ 57.5768, 0.3988,
0.3577

■ 66.6898, 0.3710,
0.3501

■ 77.0370, 0.3473,
0.3424

■ 88.6631, 0.3275,
0.3351

Harmonies

Analogous

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



25.9013, 0.5677, 0.2788



25.9013, 0.6030, 0.3584



25.9013, 0.5361, 0.4552

Triad

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



25.9013, 0.6030, 0.3584



25.9013, 0.1757, 0.5188



25.9013, 0.1547, 0.1287

Complementary

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



25.9013, 0.6030, 0.3584



42.3757, 0.1993, 0.2368

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.



25.9013, 0.1024, 0.1357



25.9013, 0.6030, 0.3584



25.9013, 0.1054, 0.3087

Square

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



25.9013, 0.6030, 0.3584



25.9013, 0.2915, 0.6341



25.9013, 0.0865, 0.1843



25.9013, 0.2599, 0.1524

Rectangle

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



25.9013, 0.6030, 0.3584



25.9013, 0.4615, 0.5318



25.9013, 0.0865, 0.1843



25.9013, 0.1324, 0.1275

Sweetspot

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



25.9000, 0.6030, 0.3584



65.5422, 0.3740, 0.3510



24.9484, 0.4029, 0.1997



13.1878, 0.3855, 0.3542



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.



25.9000, 0.6030, 0.3584



25.6136, 0.6057, 0.3573



60.8402, 0.4678, 0.4662



18.7959, 0.3288, 0.3356



13.5952, 0.6028, 0.3596



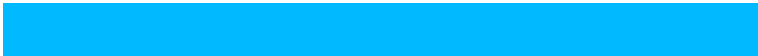
1.4965, 0.5808, 0.3770

Inverse Universe

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



42.3757, 0.1993, 0.2368



42.0074, 0.1988, 0.2356



10.6658, 0.1570, 0.0846



19.5913, 0.2980, 0.3223



22.2119, 0.1993, 0.2373



2.3451, 0.2025, 0.2490

Previews

White Background



This preview shows how the Yxy color 25.9013, 0.6030, 0.3584 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 25.9013, 0.6030, 0.3584 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 25.9013, 0.6030, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 25.9013, 0.6030, 0.3584.



This preview shows how white text looks on a background with the Yxy color 25.9013, 0.6030, 0.3584.

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

25.9013, 0.6030, 0.3584

Protanopia

26.0130, 0.4316, 0.4776

Deuteranopia

26.0052, 0.4701, 0.4650



Tritanopia

25.9712, 0.5626, 0.3283

Trichromacy



Original Color

25.9013, 0.6030, 0.3584

Protanomaly

23.6494, 0.5077, 0.4251

Deuteranomaly

24.3502, 0.5293, 0.4175

Tritanomaly

25.8376, 0.5855, 0.3444

Monochromacy



Original Color

25.9013, 0.6030, 0.3584

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.3634, 0.4448, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9013, 0.6030, 0.3584 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(255, 72, 3)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 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(255, 72, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 3) }
```

Border

The CSS property to change the border of an element to Yxy 25.9013, 0.6030, 0.3584 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(255, 72, 3) }
```

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

```
.border{ border-color:rgb(255, 72, 3) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 3);  
box-shadow:4px 4px 4px 4px rgb(255, 72, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.9013, 0.6030, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 3) }
```

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

```
.background{ background-color: rgb(255, 72,  
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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