

Converting Colors

$Yxy(24.1126, 0.6019, 0.3378)$

Have a look what the booklet for
Yxy(24.1126, 0.6019, 0.3378)
contains.

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Color

Yxy(24.1389, 0.6016, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	FF3727
RGB	255, 55, 39
RGB Percent	100%, 22%, 15%
CMY	0.0001, 0.7840, 0.8471
CMYK	0.00, 0.78, 0.85, 0.00
HSL	4°, 100%, 58%
HSV	4°, 85%, 100%
XYZ	42.9644, 24.1389, 4.3136
YIQ	112.9760, 124.3360, 37.4240

Conversions

Conversions Part 2

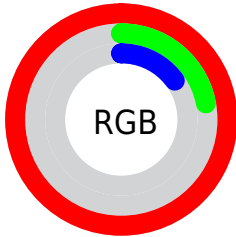
Format	Color
R _Y B	255, 56, 39
Decimal	16725799
CIE Lab	56.23, 72.41, 56.35
CIE LCh	56, 91.751, 37.890
Yxy	24.1389, 0.6016, 0.3380
Android (android.graphics.Color)	4294915879 (0xFFFF3727)
YUV	112.9760, -36.4702, 124.5550
Hunter-Lab	49.1314, 70.1148, 29.1865

Details

The Yxy color **24.1389, 0.6016, 0.3380** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **69.3162, 0.2216, 0.3089**, and the grayscale version is **16.5992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1582, 0.5053, 0.3582**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.2898, 0.6278, 0.3347**, and if you desaturate by 10%, it is **27.1752, 0.5623, 0.3400**.

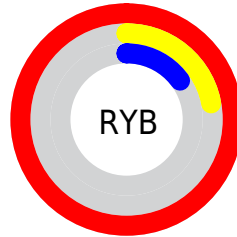
Distribution



Red (100%)

Green (22%)

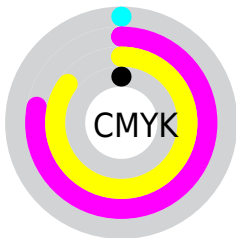
Blue (15%)



Red (100%)

Yellow (22%)

Blue (15%)

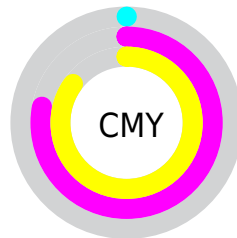


Cyan (0%)

Magenta (78%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1389, 0.6016, 0.3380 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 24.1389, 0.6016, 0.3380 by changing the saturation by 10% instead.


 24.1389, 0.6016,
0.3380


 24.1389, 0.6016,
0.3380


273.5220, 0.4511,
0.3531


 15.4367, 0.6355,
0.3264


 50.2568, 0.5484,
0.3493


 9.1264, 0.6770,
0.3085


 68.4412, 0.5277,
0.3517


 4.8237, 0.7219,
0.2781

 90.5552, 0.5100,
0.3531

 2.1442, 0.7699,
0.2301

 116.9831, 0.4948,
0.3538

 0.6893, 0.8400,
0.1600

 148.1094, 0.4816,
0.3539

 0.0000, 1.0000,
0.0000

 184.3183, 0.4701,

 0.0000, 0.0000,

0.3538

0.0000

225.9944, 0.4600,
0.3535

■ 24.1389, 0.6016,
0.3380

■ 24.1389, 0.6016,
0.3380

■ 22.2898, 0.6278,
0.3347

■ 27.1752, 0.5623,
0.3400

■ 21.7196, 0.6360,
0.3332

■ 31.5488, 0.5165,
0.3406

■ 37.3921, 0.4707,
0.3398

■ 44.8206, 0.4290,
0.3382

■ 53.9383, 0.3934,
0.3362

64.8401, 0.3639,
0.3340

77.6141, 0.3399,
0.3319

92.3425, 0.3205,
0.3299

99.9943, 0.3127,
0.3290

Harmonies

Analogous

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



24.1389, 0.5337, 0.2604



24.1389, 0.6016, 0.3380



24.1389, 0.5574, 0.4278

Triad

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



24.1389, 0.6016, 0.3380



24.1389, 0.2056, 0.5630



24.1389, 0.1389, 0.1298

Complementary

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



24.1389, 0.6016, 0.3380



69.3162, 0.2216, 0.3089

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.



24.1389, 0.0974, 0.1459



24.1389, 0.6016, 0.3380



24.1389, 0.1209, 0.3583

Square

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



24.1389, 0.6016, 0.3380



24.1389, 0.3259, 0.6242



24.1389, 0.0901, 0.2098



24.1389, 0.2278, 0.1455

Rectangle

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



24.1389, 0.6016, 0.3380



24.1389, 0.4916, 0.5008



24.1389, 0.0901, 0.2098



24.1389, 0.1207, 0.1312

Sweetspot

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



24.1404, 0.6016, 0.3380



64.5112, 0.3646, 0.3341



29.0302, 0.3354, 0.1685



12.9473, 0.3744, 0.3348



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.



24.1404, 0.6016, 0.3380



21.7254, 0.6360, 0.3332



47.0236, 0.4966, 0.4292



18.2042, 0.3293, 0.3308



11.4294, 0.6348, 0.3342



1.1847, 0.6231, 0.3434

Inverse Universe

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



69.3162, 0.2216, 0.3089



67.2173, 0.2181, 0.3051



24.3104, 0.1822, 0.1628



20.2362, 0.2980, 0.3272



35.2202, 0.2182, 0.3055



3.4955, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 24.1389, 0.6016, 0.3380 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 24.1389, 0.6016, 0.3380 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 24.1389, 0.6016, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 24.1389, 0.6016, 0.3380.



This preview shows how white text looks on a background with the Yxy color 24.1389, 0.6016, 0.3380.

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

24.1389, 0.6016, 0.3380

Protanopia

24.1277, 0.4096, 0.4485

Deuteranopia

24.0963, 0.4717, 0.4637



Tritanopia

24.1647, 0.5900, 0.3298

Trichromacy



Original Color

24.1389, 0.6016, 0.3380

Protanomaly

21.2474, 0.4936, 0.3956

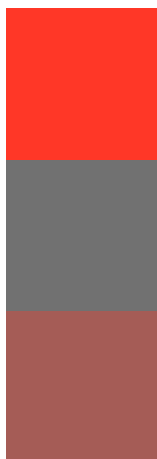
Deuteranomaly

21.8956, 0.5378, 0.4048

Tritanomaly

24.1201, 0.5945, 0.3326

Monochromacy



Original Color

24.1389, 0.6016, 0.3380

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.3255, 0.4362, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1389, 0.6016, 0.3380 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, 55, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 39)  
}
```

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, 55, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 39) }
```

Border

The CSS property to change the border of an element to Yxy 24.1389, 0.6016, 0.3380 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, 55, 39) }
```

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

```
.border{ border-color:rgb(255, 55, 39) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1389, 0.6016, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 39) }
```

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

```
.background{ background-color: rgb(255, 55,  
39) }
```

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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