

Converting Colors

Yxy(24.1389, 0.6113, 0.3449)

Have a look what the booklet for
Yxy(24.1389, 0.6113, 0.3449)
contains.

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Color

Yxy(24.1389, 0.6113, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	FF3814
RGB	255, 56, 20
RGB Percent	100%, 22%, 8%
CMY	0.0000, 0.7804, 0.9216
CMYK	0.00, 0.78, 0.92, 0.00
HSL	9°, 100%, 54%
HSV	9°, 92%, 100%
XYZ	42.7837, 24.1389, 3.0655
YIQ	111.3970, 130.1600, 30.9920

Conversions

Conversions Part 2

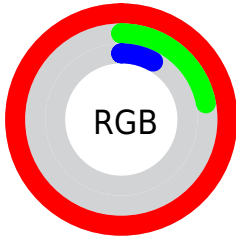
Format	Color
R_{YB}	255, 63, 20
Decimal	16726036
CIE _{Lab}	56.23, 71.87, 63.69
CIE _{LCh}	56, 96.028, 41.545
Yxy	24.1389, 0.6113, 0.3449
Android (android.graphics.Color)	4294916116 (0xFFFF3814)
YUV	111.3970, -45.0587, 125.9398
Hunter-Lab	49.1314, 69.4585, 30.6926

Details

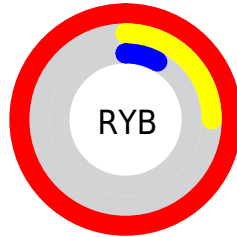
The Yxy color **24.1389, 0.6113, 0.3449** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **58.0283, 0.2128, 0.2828**, and the grayscale version is **16.1213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9347, 0.5193, 0.3699**, and **10.6914, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.7156, 0.6277, 0.3398**, and if you desaturate by 10%, it is **26.8435, 0.5796, 0.3503**.

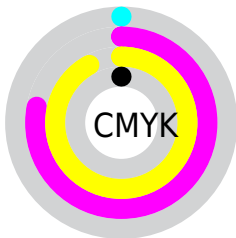
Distribution



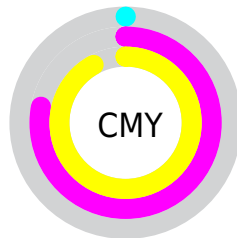
- Red (100%)
- Green (22%)
- Blue (8%)



- Red (100%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (78%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1389, 0.6113, 0.3449 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, 0.6113, 0.3449 by changing the saturation by 10% instead.


 24.1389, 0.6113,
0.3449

 24.1389, 0.6113,
0.3449


273.5220, 0.4591,
0.3602


 15.4367, 0.6436,
0.3322


 50.2568, 0.5590,
0.3572


 9.1264, 0.6858,
0.3142


 68.4412, 0.5381,
0.3598


 4.8237, 0.7206,
0.2794

 90.5552, 0.5201,
0.3612

 2.1442, 0.7686,
0.2314

 116.9831, 0.5045,
0.3617

 0.6893, 0.8387,
0.1613

 148.1094, 0.4909,
0.3617


 0.0000, 1.0000,
0.0000


 184.3183, 0.4790,


 0.0000, 0.0000,


0.3614


0.0000


 225.9944, 0.4685,
0.3608


 24.1389, 0.6113,
0.3449


 24.1389, 0.6113,
0.3449

 22.7156, 0.6277,
0.3398

 26.8435, 0.5796,
0.3503

 30.6726, 0.5390,
0.3528

 35.7333, 0.4951,
0.3526

 42.1201, 0.4530,
0.3502

 49.9184, 0.4153,
0.3466

■ 59.2063, 0.3831,
0.3424

■ 70.0561, 0.3563,
0.3380

■ 82.5355, 0.3342,
0.3338

■ 96.7079, 0.3162,
0.3298

Harmonies

Analogous

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



24.1389, 0.5586, 0.2661



24.1389, 0.6113, 0.3449



24.1389, 0.5528, 0.4398

Triad

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



24.1389, 0.6113, 0.3449



24.1389, 0.1862, 0.5535



24.1389, 0.1417, 0.1246

Complementary

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



24.1389, 0.6113, 0.3449



58.0283, 0.2128, 0.2828

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, 0.0950, 0.1360



24.1389, 0.6113, 0.3449



24.1389, 0.1077, 0.3336

Square

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



24.1389, 0.6113, 0.3449



24.1389, 0.3065, 0.6407



24.1389, 0.0833, 0.1926



24.1389, 0.2396, 0.1442

Rectangle

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



24.1389, 0.6113, 0.3449



24.1389, 0.4804, 0.5182



24.1389, 0.0833, 0.1926



24.1389, 0.1215, 0.1247

Sweetspot

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



24.1382, 0.6113, 0.3449



63.5280, 0.3713, 0.3406



26.9138, 0.3597, 0.1781



12.6396, 0.3836, 0.3425



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.



24.1382, 0.6113, 0.3449



22.7156, 0.6277, 0.3398



51.1002, 0.4896, 0.4447



18.4361, 0.3291, 0.3327



12.0024, 0.6257, 0.3414



1.2937, 0.6070, 0.3562

Inverse Universe

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



58.0283, 0.2128, 0.2828



56.2966, 0.2107, 0.2785



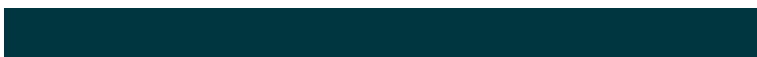
16.9190, 0.1691, 0.1238



19.9793, 0.2980, 0.3253



29.5951, 0.2110, 0.2794



3.0041, 0.2127, 0.2857

Previews

White Background



This preview shows how the Yxy color 24.1389, 0.6113, 0.3449 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, 0.6113, 0.3449 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, 0.6113, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 24.1389, 0.6113, 0.3449.



This preview shows how white text looks on a background with the Yxy color 24.1389, 0.6113, 0.3449.

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, 0.6113, 0.3449

Protanopia

24.1498, 0.4264, 0.4685

Deuteranopia

23.9844, 0.4706, 0.4645



Tritanopia

24.1647, 0.5900, 0.3298

Trichromacy



Original Color

24.1389, 0.6113, 0.3449

Protanomaly

21.2312, 0.5106, 0.4106

Deuteranomaly

21.9356, 0.5375, 0.4083

Tritanomaly

24.1595, 0.5995, 0.3366

Monochromacy



Original Color

24.1389, 0.6113, 0.3449

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8188, 0.4470, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1389, 0.6113, 0.3449 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, 56, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 20)  
}
```

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, 56, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 20) }
```

Border

The CSS property to change the border of an element to Yxy 24.1389, 0.6113, 0.3449 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, 56, 20) }
```

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

```
.border{ border-color:rgb(255, 56, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 56, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1389, 0.6113, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 20) }
```

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

```
.background{ background-color: rgb(255, 56,  
20) }
```

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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