

Converting Colors

Yxy(23.5309, 0.5812, 0.3522)

Have a look what the booklet for
Yxy(23.5309, 0.5812, 0.3522)
contains.

Yxy(23.4368, 0.5815, 0.3523)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4368, 0.5815, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	F04927
RGB	240, 73, 39
RGB Percent	94%, 29%, 15%
CMY	0.0588, 0.7137, 0.8471
CMYK	0.00, 0.70, 0.84, 0.06
HSL	10°, 87%, 55%
HSV	10°, 84%, 94%
XYZ	38.6844, 23.4368, 4.4040
YIQ	119.0570, 110.4460, 24.8300

Conversions

Conversions Part 2

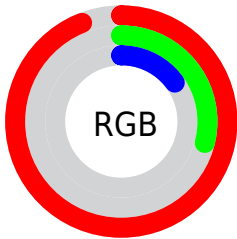
Format	Color
R_{YB}	240, 80, 39
Decimal	15747367
CIE Lab	55.52, 62.27, 54.66
CIE LCh	56, 82.852, 41.276
Yxy	23.4368, 0.5815, 0.3523
Android (android.graphics.Color)	4293937447 (0xFFFF04927)
YUV	119.0570, -39.4681, 106.0670
Hunter-Lab	48.4116, 57.9142, 28.4945

Details

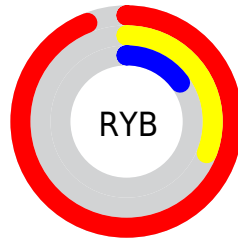
The Yxy color **23.4368, 0.5815, 0.3523** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **50.8601, 0.2150, 0.2830**, and the grayscale version is **18.5693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1972, 0.4952, 0.3700**, and **9.1140, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.1125, 0.6117, 0.3463**, and if you desaturate by 10%, it is **26.7039, 0.5421, 0.3553**.

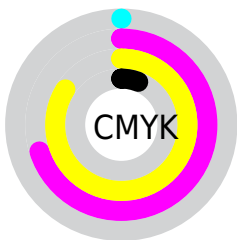
Distribution



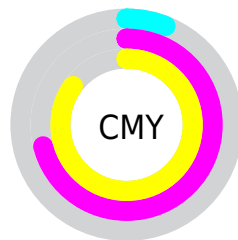
- Red (94%)
- Green (29%)
- Blue (15%)



- Red (94%)
- Yellow (31%)
- Blue (15%)



- Cyan (0%)
- Magenta (70%)
- Yellow (84%)
- Black (6%)





- Cyan (6%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4368, 0.5815, 0.3523 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 23.4368, 0.5815, 0.3523 by changing the saturation by 10% instead.


 23.4368, 0.5815,
0.3523


 23.4368, 0.5815,
0.3523


269.9606, 0.4398,
0.3579

 14.9164, 0.6142,
0.3432


 49.1096, 0.5308,
0.3598


 8.7607, 0.6546,
0.3281


 67.0307, 0.5113,
0.3609

 4.5854, 0.6995,
0.3005

 88.8542, 0.4947,
0.3611

 2.0061, 0.7467,
0.2533

 114.9644, 0.4805,
0.3609

 0.6110, 0.8226,
0.1774

 145.7457, 0.4682,
0.3603

 0.0000, 1.0000,
0.0000

 181.5826, 0.4575,

 0.0000, 0.0000,

0.3596

0.0000

222.8595, 0.4481,
0.3587

■ 23.4368, 0.5815,
0.3523

■ 23.4368, 0.5815,
0.3523

■ 21.1125, 0.6117,
0.3463

■ 26.7039, 0.5421,
0.3553

■ 20.0845, 0.6250,
0.3419

■ 30.9986, 0.4991,
0.3553

■ 36.4006, 0.4573,
0.3529

■ 42.9804, 0.4195,
0.3490

■ 50.8025, 0.3870,
0.3445

 59.9267, 0.3598,
0.3397

 70.4091, 0.3373,
0.3350

 82.3022, 0.3188,
0.3306

 95.6558, 0.3036,
0.3265

Harmonies

Analogous

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



23.4368, 0.5281, 0.2754



23.4368, 0.5815, 0.3523



23.4368, 0.5365, 0.4404

Triad

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



23.4368, 0.5815, 0.3523



23.4368, 0.2052, 0.5211



23.4368, 0.1566, 0.1413

Complementary

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



23.4368, 0.5815, 0.3523



50.8601, 0.2150, 0.2830

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.



23.4368, 0.1116, 0.1539



23.4368, 0.5815, 0.3523



23.4368, 0.1284, 0.3382

Square

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



23.4368, 0.5815, 0.3523



23.4368, 0.3186, 0.6019



23.4368, 0.1016, 0.2102



23.4368, 0.2477, 0.1597

Rectangle

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



23.4368, 0.5815, 0.3523



23.4368, 0.4734, 0.5071



23.4368, 0.1016, 0.2102



23.4368, 0.1372, 0.1417

Sweetspot

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



23.4382, 0.5815, 0.3523



67.2911, 0.3631, 0.3403



24.4569, 0.3592, 0.1836



13.5911, 0.3724, 0.3420



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.



23.4382, 0.5815, 0.3523



22.9986, 0.6254, 0.3416



48.5590, 0.4728, 0.4480



16.1910, 0.3289, 0.3331



11.1245, 0.6229, 0.3436



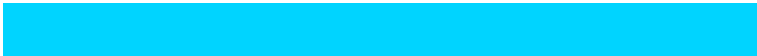
1.0497, 0.5998, 0.3619

Inverse Universe

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



50.8601, 0.2150, 0.2830



54.2328, 0.2092, 0.2730



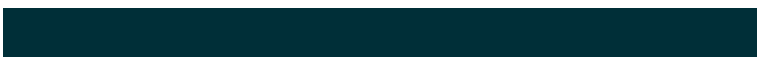
17.0304, 0.1761, 0.1381



17.4471, 0.2981, 0.3249



26.0739, 0.2095, 0.2741



2.2883, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 23.4368, 0.5815, 0.3523 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 23.4368, 0.5815, 0.3523 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 23.4368, 0.5815, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 23.4368, 0.5815, 0.3523.



This preview shows how white text looks on a background with the Yxy color 23.4368, 0.5815, 0.3523.

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

23.4368, 0.5815, 0.3523

Protanopia

23.7156, 0.4126, 0.4528

Deuteranopia

23.3972, 0.4681, 0.4578



Tritanopia

23.4249, 0.5530, 0.3273

Trichromacy



Original Color

23.4368, 0.5815, 0.3523

Protanomaly

21.7552, 0.4824, 0.4093

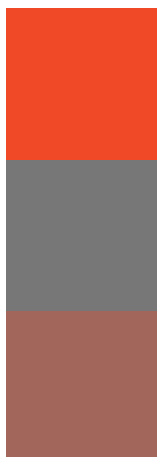
Deuteranomaly

22.1877, 0.5188, 0.4120

Tritanomaly

23.4073, 0.5659, 0.3372

Monochromacy



Original Color

23.4368, 0.5815, 0.3523

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0275, 0.4194, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4368, 0.5815, 0.3523 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(240, 73, 39)` looks like.

```
.text, #text, p{  
  color:rgb(240, 73, 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(240, 73, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 73, 39) }
```

Border

The CSS property to change the border of an element to Yxy 23.4368, 0.5815, 0.3523 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(240, 73, 39) }
```

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

```
.border{ border-color:rgb(240, 73, 39) }
```

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

Here you see how a box with a 4 pixel rgb(240, 73, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 73, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 73, 39);  
box-shadow:4px 4px 4px 4px rgb(240, 73,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4368, 0.5815, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 73, 39) }
```

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

```
.background{ background-color: rgb(240, 73,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor