

Converting Colors

$Yxy(23.8407, 0.5739, 0.3308)$

Have a look what the booklet for
Yxy(23.8407, 0.5739, 0.3308)
contains.

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Color

Yxy(23.8484, 0.5739, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	F83F3D
RGB	248, 63, 61
RGB Percent	97%, 25%, 24%
CMY	0.0274, 0.7530, 0.7607
CMYK	0.00, 0.75, 0.75, 0.03
HSL	1°, 93%, 61%
HSV	1°, 75%, 97%
XYZ	41.3367, 23.8484, 6.8426
YIQ	118.0870, 110.9020, 38.5980

Conversions

Conversions Part 2

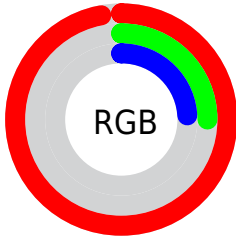
Format	Color
R_{YB}	248, 63, 61
Decimal	16269117
CIE _{Lab}	55.94, 68.76, 44.51
CIE _{LCh}	56, 81.906, 32.919
Yxy	23.8484, 0.5739, 0.3311
Android (android.graphics.Color)	4294459197 (0xFFFF83F3D)
YUV	118.0870, -28.1439, 113.9337
Hunter-Lab	48.8348, 65.6322, 25.8768

Details

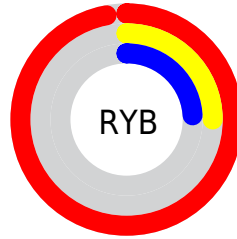
The Yxy color **23.8484, 0.5739, 0.3311** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **73.7204, 0.2295, 0.3264**, and the grayscale version is **18.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7794, 0.4792, 0.3442**, and **10.1078, 0.6295, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **21.5030, 0.6116, 0.3309**, and if you desaturate by 10%, it is **27.5302, 0.5273, 0.3311**.

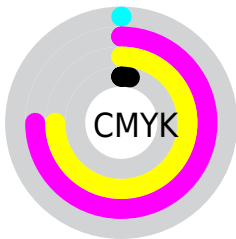
Distribution



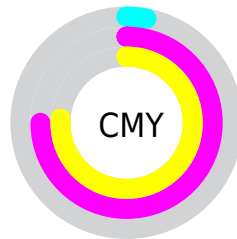
- Red (97%)
- Green (25%)
- Blue (24%)



- Red (97%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (3%)




- Cyan (3%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8484, 0.5739, 0.3311 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 23.8484, 0.5739, 0.3311 by changing the saturation by 10% instead.


 23.8484, 0.5739,
0.3311


 23.8484, 0.5739,
0.3311


272.0531, 0.4335,
0.3440


 15.2212, 0.6085,
0.3219


 49.7827, 0.5223,
0.3400

 8.9748, 0.6509,
0.3066


 67.8586, 0.5029,
0.3421

 4.7247, 0.7137,
0.2855

 89.8528, 0.4865,
0.3433

 2.0867, 0.7622,
0.2378

 116.1498, 0.4727,
0.3439

 0.6571, 0.8344,
0.1656

 147.1340, 0.4608,
0.3442

 0.0000, 1.0000,
0.0000

 183.1896, 0.4504,

 0.0000, 0.0000,

0.3443

0.0000

224.7012, 0.4414,
0.3442

■ 23.8484, 0.5739,
0.3311

■ 23.8484, 0.5739,
0.3311

■ 21.5030, 0.6116,
0.3309

■ 27.5302, 0.5273,
0.3311

■ 20.2962, 0.6339,
0.3304


■ 32.7020, 0.4794,
0.3309

■ 20.0162, 0.6395,
0.3304


■ 39.5011, 0.4353,
0.3306

■ 48.0481, 0.3976,
0.3302

■ 58.4522, 0.3667,
0.3299

 70.8137, 0.3417,
0.3295

 85.2258, 0.3218,
0.3292

 98.6998, 0.3084,
0.3290

Harmonies

Analogous

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



23.8484, 0.4918, 0.2563



23.8484, 0.5739, 0.3311



23.8484, 0.5539, 0.4145

Triad

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



23.8484, 0.5739, 0.3311



23.8484, 0.2365, 0.5563



23.8484, 0.1420, 0.1436

Complementary

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



23.8484, 0.5739, 0.3311



73.7204, 0.2295, 0.3264

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.



23.8484, 0.1077, 0.1665



23.8484, 0.5739, 0.3311



23.8484, 0.1469, 0.3874

Square

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



23.8484, 0.5739, 0.3311



23.8484, 0.3526, 0.5905



23.8484, 0.1072, 0.2392



23.8484, 0.2183, 0.1536

Rectangle

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



23.8484, 0.5739, 0.3311



23.8484, 0.5004, 0.4783



23.8484, 0.1072, 0.2392



23.8484, 0.1266, 0.1471

Sweetspot

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



23.8498, 0.5739, 0.3311



65.1775, 0.3603, 0.3298



30.0783, 0.3203, 0.1680



13.0041, 0.3702, 0.3299



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.



23.8498, 0.5739, 0.3311



22.1582, 0.6243, 0.3307



43.5806, 0.4880, 0.4154



17.2543, 0.3294, 0.3293



10.8234, 0.6393, 0.3306



1.0124, 0.6375, 0.3320

Inverse Universe

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



73.7204, 0.2295, 0.3264



77.4304, 0.2250, 0.3258



31.0549, 0.1971, 0.2006



19.5756, 0.2980, 0.3287



39.0854, 0.2238, 0.3256



3.6297, 0.2239, 0.3260

Previews

White Background



This preview shows how the Yxy color 23.8484, 0.5739, 0.3311 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 23.8484, 0.5739, 0.3311 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 23.8484, 0.5739, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 23.8484, 0.5739, 0.3311.



This preview shows how white text looks on a background with the Yxy color 23.8484, 0.5739, 0.3311.

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

23.8484, 0.5739, 0.3311

Protanopia

23.8933, 0.3828, 0.4128

Deuteranopia

23.9766, 0.4476, 0.4398



Tritanopia

23.7719, 0.5713, 0.3284

Trichromacy



Original Color

23.8484, 0.5739, 0.3311

Protanomaly

21.4373, 0.4601, 0.3731

Deuteranomaly

22.0280, 0.5042, 0.3881

Tritanomaly

23.7606, 0.5724, 0.3291

Monochromacy



Original Color

23.8484, 0.5739, 0.3311

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5978, 0.4145, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8484, 0.5739, 0.3311 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(248, 63, 61)` looks like.

```
.text, #text, p{  
    color:rgb(248, 63, 61)  
}
```

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(248, 63, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 63, 61) }
```

Border

The CSS property to change the border of an element to Yxy 23.8484, 0.5739, 0.3311 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(248, 63, 61) }
```

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

```
.border{ border-color:rgb(248, 63, 61) }
```

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

Here you see how a box with a 4 pixel rgb(248, 63, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 63, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 63, 61);  
box-shadow:4px 4px 4px 4px rgb(248, 63,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8484, 0.5739, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 63, 61) }
```

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

```
.background{ background-color: rgb(248, 63,  
61) }
```

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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