

Converting Colors

$Y_{xy}(23.0343, 0.5665, 0.3200)$

Have a look what the booklet for
Yxy(23.0343, 0.5665, 0.3200)
contains.

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Color

Yxy(23.1426, 0.5671, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	F73946
RGB	247, 57, 70
RGB Percent	97%, 22%, 27%
CMY	0.0314, 0.7763, 0.7257
CMYK	0.00, 0.77, 0.72, 0.03
HSL	356°, 92%, 60%
HSV	356°, 77%, 97%
XYZ	40.9235, 23.1426, 8.0967
YIQ	115.2920, 109.0670, 44.3230

Conversions

Conversions Part 2

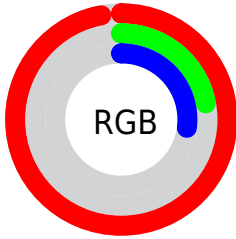
Format	Color
R_{YB}	247, 57, 70
Decimal	16202054
CIE Lab	55.22, 70.58, 38.69
CIE LCh	55, 80.486, 28.730
Yxy	23.1426, 0.5671, 0.3207
Android (android.graphics.Color)	4294392134 (0xFFFF73946)
YUV	115.2920, -22.3290, 115.5079
Hunter-Lab	48.1068, 67.6597, 23.6959

Details

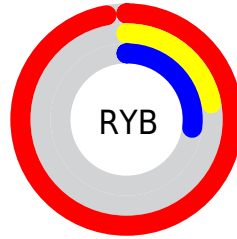
The Yxy color **23.1426, 0.5671, 0.3207** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **73.3326, 0.2343, 0.3450**, and the grayscale version is **17.2855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0249, 0.4705, 0.3305**, and **10.0197, 0.6207, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **21.0287, 0.6052, 0.3231**, and if you desaturate by 10%, it is **26.5570, 0.5215, 0.3197**.

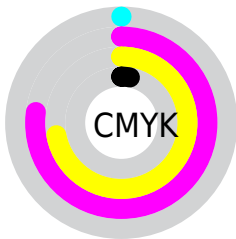
Distribution



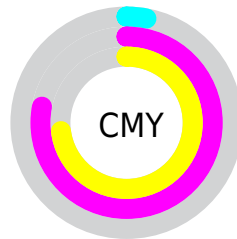
- Red (97%)
- Green (22%)
- Blue (27%)



- Red (97%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (72%)
- Black (3%)



- Cyan (3%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1426, 0.5671, 0.3207 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 23.1426, 0.5671, 0.3207 by changing the saturation by 10% instead.


 23.1426, 0.5671,
0.3207


 23.1426, 0.5671,
0.3207


268.4566, 0.4285,
0.3373


 14.6988, 0.6025,
0.3113


 48.6274, 0.5154,
0.3304


 8.6083, 0.6467,
0.2961


 66.4372, 0.4962,
0.3329


 4.4866, 0.7070,
0.2727

 88.1378, 0.4801,
0.3346

 1.9493, 0.7710,
0.2290

 114.1136, 0.4666,
0.3357

 0.5778, 0.8485,
0.1515

 144.7489, 0.4550,
0.3364

 0.0000, 1.0000,
0.0000

180.4283, 0.4449,

 0.0000, 0.0000,

0.3368

0.0000

221.5361, 0.4362,
0.3371

■ 23.1426, 0.5671,
0.3207

■ 23.1426, 0.5671,
0.3207

■ 21.0287, 0.6052,
0.3231

■ 26.5570, 0.5215,
0.3197

■ 20.0042, 0.6298,
0.3264


■ 31.4309, 0.4753,
0.3199


■ 19.8127, 0.6347,
0.3270


■ 37.9051, 0.4331,
0.3209


■ 46.1026, 0.3969,
0.3225

■ 56.1345, 0.3671,
0.3243

 68.1026, 0.3430,
0.3261

 82.1010, 0.3237,
0.3279

 98.2181, 0.3083,
0.3295

 98.5128, 0.3078,
0.3290

Harmonies

Analogous

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



23.1426, 0.4721, 0.2470



23.1426, 0.5671, 0.3207



23.1426, 0.5606, 0.4022

Triad

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



23.1426, 0.5671, 0.3207



23.1426, 0.2527, 0.5693



23.1426, 0.1359, 0.1455

Complementary

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



23.1426, 0.5671, 0.3207



73.3326, 0.2343, 0.3450

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.



23.1426, 0.1066, 0.1740



23.1426, 0.5671, 0.3207



23.1426, 0.1575, 0.4126

Square

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



23.1426, 0.5671, 0.3207



23.1426, 0.3693, 0.5820



23.1426, 0.1110, 0.2557



23.1426, 0.2053, 0.1513

Rectangle

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



23.1426, 0.5671, 0.3207



23.1426, 0.5127, 0.4643



23.1426, 0.1110, 0.2557



23.1426, 0.1223, 0.1506

Sweetspot

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



23.1440, 0.5671, 0.3207



65.0840, 0.3572, 0.3250



26.6605, 0.3045, 0.1584



12.9825, 0.3664, 0.3243



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.



23.1440, 0.5671, 0.3207



21.9041, 0.6201, 0.3248



37.7285, 0.5083, 0.4002



16.5008, 0.3283, 0.3274



10.4861, 0.6329, 0.3260



0.9279, 0.6157, 0.3166

Inverse Universe

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



23.1440, 0.5671, 0.3207



21.9041, 0.6201, 0.3248



35.5331, 0.2014, 0.2205



16.5008, 0.3283, 0.3274



10.4861, 0.6329, 0.3260



0.9279, 0.6157, 0.3166

Previews

White Background



This preview shows how the Yxy color 23.1426, 0.5671, 0.3207 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 23.1426, 0.5671, 0.3207 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 23.1426, 0.5671, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 23.1426, 0.5671, 0.3207.



This preview shows how white text looks on a background with the Yxy color 23.1426, 0.5671, 0.3207.

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

23.1426, 0.5671, 0.3207

Protanopia

23.1867, 0.3659, 0.3912

Deuteranopia

23.1300, 0.4359, 0.4279



Tritanopia

23.2283, 0.5772, 0.3291

Trichromacy



Original Color

23.1426, 0.5671, 0.3207

Protanomaly

20.6150, 0.4447, 0.3550

Deuteranomaly

21.1356, 0.4942, 0.3757

Tritanomaly

23.1704, 0.5735, 0.3257

Monochromacy



Original Color

23.1426, 0.5671, 0.3207

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6928, 0.4111, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1426, 0.5671, 0.3207 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(247, 57, 70)` looks like.

```
.text, #text, p{  
    color:rgb(247, 57, 70)  
}
```

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(247, 57, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 57, 70) }
```

Border

The CSS property to change the border of an element to Yxy 23.1426, 0.5671, 0.3207 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(247, 57, 70) }
```

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

```
.border{ border-color:rgb(247, 57, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 57, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 57, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 57, 70);  
box-shadow:4px 4px 4px 4px rgb(247, 57,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1426, 0.5671, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 57, 70) }
```

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

```
.background{ background-color: rgb(247, 57,  
70) }
```

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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