

Converting Colors

$Y_{xy}(24.2811, 0.5632, 0.3166)$

Have a look what the booklet for
Yxy(24.2811, 0.5632, 0.3166)
contains.

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Color

Yxy(24.3307, 0.5631, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FD394C
RGB	253, 57, 76
RGB Percent	99%, 22%, 30%
CMY	0.0078, 0.7764, 0.7021
CMYK	0.00, 0.77, 0.70, 0.01
HSL	354°, 98%, 61%
HSV	354°, 77%, 99%
XYZ	43.2742, 24.3307, 9.2451
YIQ	117.7700, 110.7170, 47.4610

Conversions

Conversions Part 2

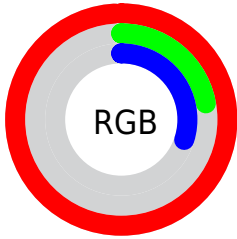
Format	Color
R_{YB}	253, 57, 76
Decimal	16595276
CIE Lab	56.42, 72.51, 36.95
CIE LCh	56, 81.381, 27.005
Yxy	24.3307, 0.5631, 0.3166
Android (android.graphics.Color)	4294785356 (0xFFFD394C)
YUV	117.7700, -20.5926, 118.5967
Hunter-Lab	49.3262, 70.2786, 23.4158

Details

The Yxy color **24.3307, 0.5631, 0.3166** 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 **77.0644, 0.2362, 0.3522**, and the grayscale version is **18.0831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4154, 0.4627, 0.3254**, and **10.7957, 0.6151, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **22.1585, 0.6013, 0.3198**, and if you desaturate by 10%, it is **27.8631, 0.5181, 0.3153**.

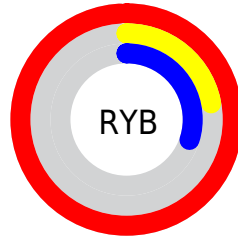
Distribution



Red (99%)

Green (22%)

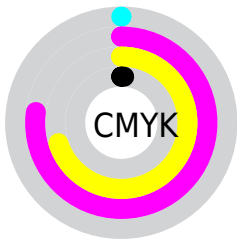
Blue (30%)



Red (99%)

Yellow (22%)

Blue (30%)

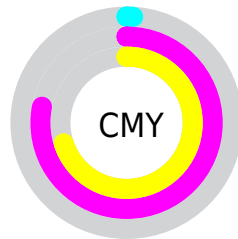


Cyan (0%)

Magenta (77%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (78%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3307, 0.5631, 0.3166 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 24.3307, 0.5631, 0.3166 by changing the saturation by 10% instead.


 24.3307, 0.5631,
0.3166


 24.3307, 0.5631,
0.3166


274.4881, 0.4273,
0.3345


 15.5791, 0.5978,
0.3074


 50.5693, 0.5125,
0.3265


 9.2268, 0.6414,
0.2928


 68.8251, 0.4937,
0.3291


 4.8894, 0.6975,
0.2694

 91.0178, 0.4780,
0.3310

 2.1825, 0.7691,
0.2309

 117.5318, 0.4647,
0.3322

 0.7104, 0.8381,
0.1619

 148.7514, 0.4533,
0.3331

 0.0000, 1.0000,
0.0000

185.0611, 0.4434,

 0.0000, 0.0000,

0.3338

0.0000

226.8452, 0.4349,
0.3342

■ 24.3307, 0.5631,
0.3166

■ 24.3307, 0.5631,
0.3166

■ 22.1585, 0.6013,
0.3198

■ 27.8631, 0.5181,
0.3153

■ 21.1168, 0.6269,
0.3244


■ 32.9252, 0.4729,
0.3157


■ 20.9502, 0.6315,
0.3252

■ 39.6661, 0.4316,
0.3172

■ 48.2164, 0.3962,
0.3195

■ 58.6935, 0.3670,
0.3221

 71.2051, 0.3433,
0.3247

 85.8509, 0.3244,
0.3272

99.6224, 0.3115,
0.3290

Harmonies

Analogous

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



24.3307, 0.4634, 0.2435



24.3307, 0.5631, 0.3166



24.3307, 0.5624, 0.3973

Triad

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



24.3307, 0.5631, 0.3166



24.3307, 0.2597, 0.5729



24.3307, 0.1339, 0.1468

Complementary

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



24.3307, 0.5631, 0.3166



77.0644, 0.2362, 0.3522

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.



24.3307, 0.1067, 0.1777



24.3307, 0.5631, 0.3166



24.3307, 0.1626, 0.4227

Square

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



24.3307, 0.5631, 0.3166



24.3307, 0.3761, 0.5775



24.3307, 0.1132, 0.2632



24.3307, 0.2005, 0.1508

Rectangle

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



24.3307, 0.5631, 0.3166



24.3307, 0.5171, 0.4586



24.3307, 0.1132, 0.2632



24.3307, 0.1210, 0.1526

Sweetspot

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



24.3322, 0.5631, 0.3166



65.1630, 0.3558, 0.3233



27.4116, 0.3011, 0.1560



13.0010, 0.3648, 0.3223



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.



24.3322, 0.5631, 0.3166



21.8462, 0.6174, 0.3223



38.6216, 0.5136, 0.3970



18.0156, 0.3279, 0.3267



11.1541, 0.6293, 0.3241



1.0951, 0.6086, 0.3126

Inverse Universe

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



24.3322, 0.5631, 0.3166



21.8462, 0.6174, 0.3223



38.4701, 0.2020, 0.2241



18.0156, 0.3279, 0.3267



11.1541, 0.6293, 0.3241



1.0951, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 24.3307, 0.5631, 0.3166 looks on a white background.

Color Contrast Check

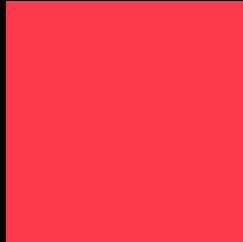
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3307, 0.5631, 0.3166 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 24.3307, 0.5631, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 24.3307, 0.5631, 0.3166.



This preview shows how white text looks on a background with the Yxy color 24.3307, 0.5631, 0.3166.

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

24.3307, 0.5631, 0.3166

Protanopia

24.3472, 0.3581, 0.3817

Deuteranopia

24.2977, 0.4308, 0.4231



Tritanopia

24.4513, 0.5784, 0.3291

Trichromacy



Original Color

24.3307, 0.5631, 0.3166

Protanomaly

21.5139, 0.4371, 0.3477

Deuteranomaly

22.1359, 0.4892, 0.3707

Tritanomaly

24.4039, 0.5737, 0.3251

Monochromacy



Original Color

24.3307, 0.5631, 0.3166

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5605, 0.4091, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3307, 0.5631, 0.3166 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(253, 57, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 57, 76)  
}
```

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(253, 57, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 57, 76) }
```

Border

The CSS property to change the border of an element to Yxy 24.3307, 0.5631, 0.3166 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(253, 57, 76) }
```

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

```
.border{ border-color:rgb(253, 57, 76) }
```

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

Here you see how a box with a 4 pixel rgb(253, 57, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 57, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 57, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 57,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3307, 0.5631, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 57, 76) }
```

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

```
.background{ background-color: rgb(253, 57,  
76) }
```

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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