

Converting Colors

Yxy(24.8946, 0.5613, 0.3166)

Have a look what the booklet for
Yxy(24.8946, 0.5613, 0.3166)
contains.

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Color

Yxy(24.9380, 0.5606, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B4E
RGB	255, 59, 78
RGB Percent	100%, 23%, 31%
CMY	0.0000, 0.7687, 0.6941
CMYK	0.00, 0.77, 0.69, 0.00
HSL	354°, 100%, 62%
HSV	354°, 77%, 100%
XYZ	44.1853, 24.9380, 9.6946
YIQ	119.7700, 110.7170, 47.4610

Conversions

Conversions Part 2

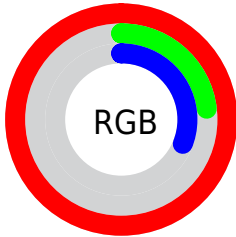
Format	Color
R_{YB}	255, 59, 78
Decimal	16726862
CIE _{Lab}	57.01, 72.61, 36.58
CIE _{LCh}	57, 81.306, 26.738
Yxy	24.9380, 0.5606, 0.3164
Android (android.graphics.Color)	4294916942 (0xFFFF3B4E)
YUV	119.7700, -20.5926, 118.5967
Hunter-Lab	49.9380, 70.5462, 23.4464

Details

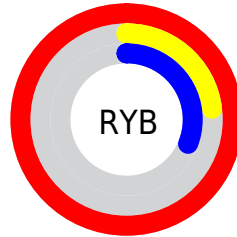
The Yxy color **24.9380, 0.5606, 0.3164** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **78.5030, 0.2364, 0.3522**, and the grayscale version is **18.7405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7114, 0.4598, 0.3244**, and **11.0626, 0.6132, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **22.6500, 0.5994, 0.3195**, and if you desaturate by 10%, it is **28.6149, 0.5154, 0.3152**.

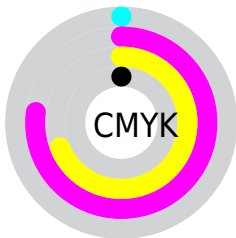
Distribution



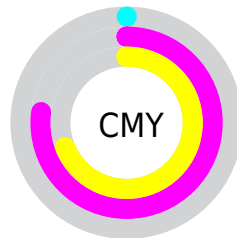
- Red (100%)
- Green (23%)
- Blue (31%)



- Red (100%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (0%)




- Cyan (0%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9380, 0.5606, 0.3164 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 24.9380, 0.5606, 0.3164 by changing the saturation by 10% instead.


 24.9380, 0.5606,
0.3164


 24.9380, 0.5606,
0.3164


277.5290, 0.4265,
0.3341


 16.0309, 0.5948,
0.3075


 51.5566, 0.5106,
0.3261


 9.5460, 0.6378,
0.2933


 70.0369, 0.4921,
0.3287

 5.0990, 0.6926,
0.2704

 92.4770, 0.4766,
0.3305

 2.3055, 0.7660,
0.2340

 119.2614, 0.4635,
0.3318

 0.7766, 0.8324,
0.1676

 150.7744, 0.4522,
0.3327

 0.0000, 1.0000,
0.0000

187.4004, 0.4425,

 0.0000, 0.0000,

0.3333

0.0000

229.5238, 0.4340,
0.3338

■ 24.9380, 0.5606,
0.3164

■ 24.9380, 0.5606,
0.3164

■ 22.6500, 0.5994,
0.3195

■ 28.6149, 0.5154,
0.3152

■ 21.5372, 0.6258,
0.3241

■ 33.8631, 0.4703,
0.3156

■ 21.3292, 0.6315,
0.3252

■ 40.8299, 0.4293,
0.3173

■ 49.6471, 0.3943,
0.3196

■ 60.4341, 0.3654,
0.3222

 73.3000, 0.3421,
0.3249

 88.3460, 0.3234,
0.3274

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.9380, 0.4609, 0.2436



24.9380, 0.5606, 0.3164



24.9380, 0.5612, 0.3968

Triad

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



24.9380, 0.5606, 0.3164



24.9380, 0.2615, 0.5710



24.9380, 0.1346, 0.1481

Complementary

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



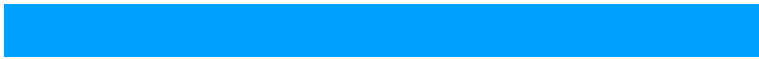
24.9380, 0.5606, 0.3164



78.5030, 0.2364, 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.



24.9380, 0.1077, 0.1793



24.9380, 0.5606, 0.3164



24.9380, 0.1645, 0.4235

Square

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



24.9380, 0.5606, 0.3164



24.9380, 0.3774, 0.5752



24.9380, 0.1147, 0.2650



24.9380, 0.2006, 0.1517

Rectangle

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



24.9380, 0.5606, 0.3164



24.9380, 0.5169, 0.4576



24.9380, 0.1147, 0.2650



24.9380, 0.1218, 0.1540

Sweetspot

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



24.9355, 0.5606, 0.3164



65.1644, 0.3558, 0.3232



28.0752, 0.3013, 0.1566



13.0013, 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.



24.9355, 0.5606, 0.3164



21.9503, 0.6148, 0.3218



39.5764, 0.5119, 0.3970



18.0157, 0.3279, 0.3267



11.1544, 0.6293, 0.3240



1.0952, 0.6085, 0.3126

Inverse Universe

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



24.9355, 0.5606, 0.3164



21.9503, 0.6148, 0.3218



39.4315, 0.2025, 0.2250



18.0157, 0.3279, 0.3267



11.1544, 0.6293, 0.3240



1.0952, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 24.9380, 0.5606, 0.3164 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 24.9380, 0.5606, 0.3164 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 24.9380, 0.5606, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 24.9380, 0.5606, 0.3164.



This preview shows how white text looks on a background with the Yxy color 24.9380, 0.5606, 0.3164.

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

24.9380, 0.5606, 0.3164

Protanopia

25.0638, 0.3552, 0.3796

Deuteranopia

25.0729, 0.4294, 0.4223



Tritanopia

24.8750, 0.5755, 0.3291

Trichromacy



Original Color

24.9380, 0.5606, 0.3164

Protanomaly

22.2209, 0.4353, 0.3475

Deuteranomaly

22.8374, 0.4869, 0.3705

Tritanomaly

24.8257, 0.5707, 0.3251

Monochromacy



Original Color

24.9380, 0.5606, 0.3164

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1903, 0.4076, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9380, 0.5606, 0.3164 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, 59, 78)` looks like.

```
.text, #text, p{  
  color:rgb(255, 59, 78)  
}
```

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, 59, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 78) }
```

Border

The CSS property to change the border of an element to Yxy 24.9380, 0.5606, 0.3164 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, 59, 78) }
```

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

```
.border{ border-color:rgb(255, 59, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9380, 0.5606, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 78) }
```

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

```
.background{ background-color: rgb(255, 59,  
78) }
```

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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