

Converting Colors

Yxy(26.5433, 0.5379, 0.3148)

Have a look what the booklet for
Yxy(26.5433, 0.5379, 0.3148)
contains.

Yxy(26.5047, 0.5382, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5047, 0.5382, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FF475A
RGB	255, 71, 90
RGB Percent	100%, 28%, 35%
CMY	0.0000, 0.7216, 0.6470
CMYK	0.00, 0.72, 0.65, 0.00
HSL	354°, 100%, 64%
HSV	354°, 72%, 100%
XYZ	45.3428, 26.5047, 12.4014
YIQ	128.1820, 103.5650, 44.9170

Conversions

Conversions Part 2

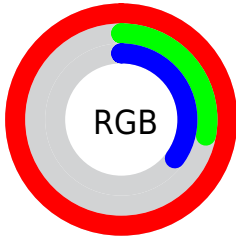
Format	Color
R_{YB}	255, 71, 90
Decimal	16729946
CIE Lab	58.51, 69.51, 31.52
CIE LCh	59, 76.322, 24.396
Yxy	26.5047, 0.5382, 0.3146
Android (android.graphics.Color)	4294920026 (0xFFFF475A)
YUV	128.1820, -18.8237, 111.2194
Hunter-Lab	51.4827, 67.1169, 21.7558

Details

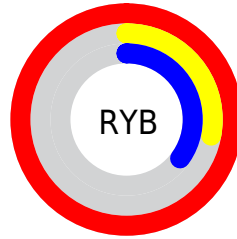
The Yxy color **26.5047, 0.5382, 0.3146** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **78.9143, 0.2386, 0.3520**, and the grayscale version is **21.6907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3860, 0.4396, 0.3201**, and **11.2658, 0.5979, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **23.5816, 0.5808, 0.3169**, and if you desaturate by 10%, it is **30.9053, 0.4926, 0.3143**.

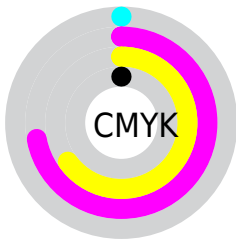
Distribution



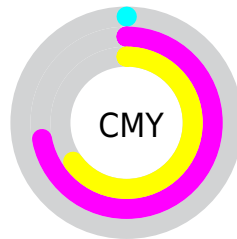
- Red (100%)
- Green (28%)
- Blue (35%)



- Red (100%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (0%)




- Cyan (0%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5047, 0.5382, 0.3146 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 26.5047, 0.5382, 0.3146 by changing the saturation by 10% instead.


 26.5047, 0.5382,
0.3146


 26.5047, 0.5382,
0.3146

285.2509, 0.4162,
0.3308


 17.2016, 0.5699,
0.3070


 54.0880, 0.4925,
0.3230


 10.3783, 0.6105,
0.2952


 73.1371, 0.4756,
0.3254


 5.6505, 0.6627,
0.2758

 96.2035, 0.4616,
0.3271

 2.6338, 0.7482,
0.2492

 123.6718, 0.4497,
0.3283

 0.9437, 0.8124,
0.1876

 155.9262, 0.4395,
0.3292

 0.0000, 1.0000,
0.0000

193.3513, 0.4307,

 0.0000, 0.0000,

0.3299

0.0000

236.3314, 0.4230,
0.3304

■ 26.5047, 0.5382,
0.3146

■ 26.5047, 0.5382,
0.3146

■ 23.5816, 0.5808,
0.3169

■ 30.9053, 0.4926,
0.3143

■ 21.9440, 0.6139,
0.3211


■ 36.9473, 0.4493,
0.3155

■ 21.3362, 0.6306,
0.3248

■ 44.7703, 0.4113,
0.3176

■ 54.4996, 0.3795,
0.3203

■ 66.2491, 0.3535,
0.3231

 80.1240, 0.3326,
0.3259

 96.2219, 0.3159,
0.3285

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.



26.5047, 0.4397, 0.2447



26.5047, 0.5382, 0.3146



26.5047, 0.5493, 0.3918

Triad

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



26.5047, 0.5382, 0.3146



26.5047, 0.2767, 0.5544



26.5047, 0.1412, 0.1594

Complementary

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



26.5047, 0.5382, 0.3146



78.9143, 0.2386, 0.3520

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.



26.5047, 0.1179, 0.1938



26.5047, 0.5382, 0.3146



26.5047, 0.1813, 0.4286

Square

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



26.5047, 0.5382, 0.3146



26.5047, 0.3868, 0.5548



26.5047, 0.1284, 0.2809



26.5047, 0.2016, 0.1602

Rectangle

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



26.5047, 0.5382, 0.3146



26.5047, 0.5133, 0.4485



26.5047, 0.1284, 0.2809



26.5047, 0.1297, 0.1664

Sweetspot

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



26.5038, 0.5382, 0.3146



66.4541, 0.3532, 0.3232



29.1388, 0.2994, 0.1613



13.4959, 0.3596, 0.3224



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.



26.5038, 0.5382, 0.3146



22.6424, 0.5984, 0.3188



40.9208, 0.4997, 0.3934



18.0176, 0.3278, 0.3266



11.1585, 0.6283, 0.3235



1.0961, 0.6066, 0.3115

Inverse Universe

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



26.5038, 0.5382, 0.3146



22.6424, 0.5984, 0.3188



43.0332, 0.2083, 0.2367



18.0176, 0.3278, 0.3266



11.1585, 0.6283, 0.3235



1.0961, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 26.5047, 0.5382, 0.3146 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 26.5047, 0.5382, 0.3146 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 26.5047, 0.5382, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 26.5047, 0.5382, 0.3146.



This preview shows how white text looks on a background with the Yxy color 26.5047, 0.5382, 0.3146.

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

26.5047, 0.5382, 0.3146

Protanopia

26.7473, 0.3455, 0.3668

Deuteranopia

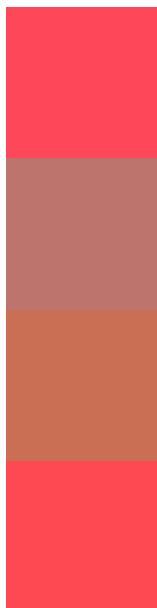
26.4000, 0.4174, 0.4084



Tritanopia

26.3717, 0.5524, 0.3267

Trichromacy



Original Color

26.5047, 0.5382, 0.3146

Protanomaly

24.2649, 0.4166, 0.3405

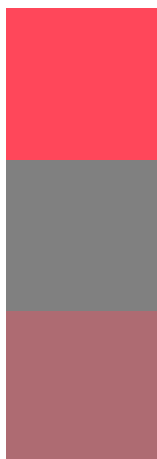
Deuteranomaly

24.5655, 0.4676, 0.3630

Tritanomaly

26.3148, 0.5471, 0.3220

Monochromacy



Original Color

26.5047, 0.5382, 0.3146

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.7290, 0.3959, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5047, 0.5382, 0.3146 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, 71, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 90)  
}
```

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, 71, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.5047, 0.5382, 0.3146 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, 71, 90) }
```

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

```
.border{ border-color:rgb(255, 71, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5047, 0.5382, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 90) }
```

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

```
.background{ background-color: rgb(255, 71,  
90) }
```

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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