

Converting Colors

$Yxy(26.5409, 0.5391, 0.3157)$

Have a look what the booklet for
Yxy(26.5409, 0.5391, 0.3157)
contains.

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Color

Yxy(26.4877, 0.5395, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FF4759
RGB	255, 71, 89
RGB Percent	100%, 28%, 35%
CMY	0.0000, 0.7215, 0.6510
CMYK	0.00, 0.72, 0.65, 0.00
HSL	354°, 100%, 64%
HSV	354°, 72%, 100%
XYZ	45.2935, 26.4877, 12.1734
YIQ	128.0680, 103.8860, 44.6060

Conversions

Conversions Part 2

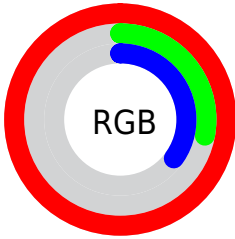
Format	Color
R_{YB}	255, 71, 89
Decimal	16729945
CIE _{Lab}	58.50, 69.44, 32.09
CIE _{LCh}	58, 76.494, 24.807
Yxy	26.4877, 0.5395, 0.3155
Android (android.graphics.Color)	4294920025 (0xFFFF4759)
YUV	128.0680, -19.2605, 111.3194
Hunter-Lab	51.4662, 67.0256, 22.0023

Details

The Yxy color **26.4877, 0.5395, 0.3155** 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 **78.9710, 0.2382, 0.3507**, and the grayscale version is **21.6561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3567, 0.4408, 0.3212**, and **11.2582, 0.5995, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **23.5687, 0.5821, 0.3178**, and if you desaturate by 10%, it is **30.8902, 0.4937, 0.3151**.

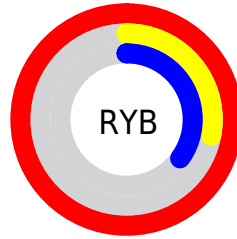
Distribution



Red (100%)

Green (28%)

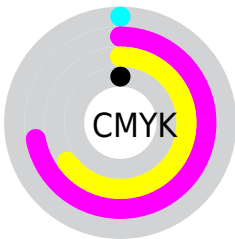
Blue (35%)



Red (100%)

Yellow (28%)

Blue (35%)

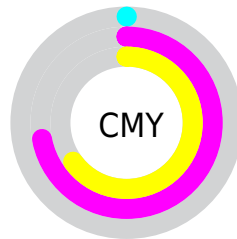


Cyan (0%)

Magenta (72%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4877, 0.5395, 0.3155 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 26.4877, 0.5395, 0.3155 by changing the saturation by 10% instead.


 26.4877, 0.5395,
0.3155


 26.4877, 0.5395,
0.3155


285.1680, 0.4169,
0.3314


 17.1888, 0.5713,
0.3079


 54.0607, 0.4936,
0.3238

 10.3692, 0.6119,
0.2960


 73.1036, 0.4766,
0.3262


 5.6444, 0.6642,
0.2766

 96.1633, 0.4625,
0.3279

 2.6301, 0.7500,
0.2500

 123.6243, 0.4505,
0.3291

 0.9418, 0.8123,
0.1877

 155.8708, 0.4403,
0.3299

 0.0000, 1.0000,
0.0000

193.2874, 0.4314,

 0.0000, 0.0000,

0.3306

0.0000

236.2583, 0.4237,
0.3311

■ 26.4877, 0.5395,
0.3155

■ 26.4877, 0.5395,
0.3155

■ 23.5687, 0.5821,
0.3178

■ 30.8902, 0.4937,
0.3151

■ 21.9338, 0.6150,
0.3218


■ 36.9331, 0.4502,
0.3162

■ 21.3280, 0.6314,
0.3252

■ 44.7584, 0.4119,
0.3183

■ 54.4918, 0.3799,
0.3208

■ 66.2472, 0.3537,
0.3234

 80.1299, 0.3327,
0.3260

 96.2378, 0.3159,
0.3285

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



26.4877, 0.4418, 0.2454



26.4877, 0.5395, 0.3155



26.4877, 0.5493, 0.3929

Triad

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



26.4877, 0.5395, 0.3155



26.4877, 0.2750, 0.5541



26.4877, 0.1415, 0.1589

Complementary

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



26.4877, 0.5395, 0.3155



78.9710, 0.2382, 0.3507

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.



26.4877, 0.1176, 0.1927



26.4877, 0.5395, 0.3155



26.4877, 0.1800, 0.4266

Square

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



26.4877, 0.5395, 0.3155



26.4877, 0.3853, 0.5560



26.4877, 0.1277, 0.2791



26.4877, 0.2025, 0.1601

Rectangle

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



26.4877, 0.5395, 0.3155



26.4877, 0.5126, 0.4497



26.4877, 0.1277, 0.2791



26.4877, 0.1298, 0.1657

Sweetspot

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



26.4893, 0.5395, 0.3155



66.4386, 0.3534, 0.3235



29.6642, 0.3024, 0.1628



13.4924, 0.3599, 0.3228



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.



26.4893, 0.5395, 0.3155



22.6300, 0.5997, 0.3195



41.8462, 0.4968, 0.3964



18.0159, 0.3279, 0.3267



11.1547, 0.6292, 0.3240



1.0953, 0.6083, 0.3125

Inverse Universe

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



26.4893, 0.5395, 0.3155



22.6300, 0.5997, 0.3195



41.7729, 0.2073, 0.2324



18.0159, 0.3279, 0.3267



11.1547, 0.6292, 0.3240



1.0953, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 26.4877, 0.5395, 0.3155 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 26.4877, 0.5395, 0.3155 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 26.4877, 0.5395, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 26.4877, 0.5395, 0.3155.



This preview shows how white text looks on a background with the Yxy color 26.4877, 0.5395, 0.3155.

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

26.4877, 0.5395, 0.3155

Protanopia

26.7237, 0.3465, 0.3685

Deuteranopia

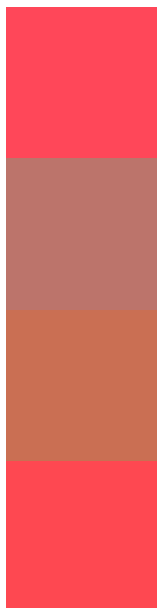
26.3854, 0.4184, 0.4097



Tritanopia

26.3717, 0.5524, 0.3267

Trichromacy



Original Color

26.4877, 0.5395, 0.3155

Protanomaly

24.2437, 0.4180, 0.3419

Deuteranomaly

24.5500, 0.4688, 0.3642

Tritanomaly

26.2996, 0.5483, 0.3228

Monochromacy



Original Color

26.4877, 0.5395, 0.3155

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 26.4877, 0.5395, 0.3155 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, 89)` looks like.

```
.text, #text, p{  
  color:rgb(255, 71, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.4877, 0.5395, 0.3155 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, 89) }
```

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

```
.border{ border-color:rgb(255, 71, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4877, 0.5395, 0.3155 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, 89) }
```

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

```
.background{ background-color: rgb(255, 71,  
89) }
```

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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