

Converting Colors

$Y_{xy}(26.3768, 0.5522, 0.3243)$

Have a look what the booklet for
Yxy(26.3768, 0.5522, 0.3243)
contains.

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Color

Yxy(26.3310, 0.5520, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	FF474F
RGB	255, 71, 79
RGB Percent	100%, 28%, 31%
CMY	0.0000, 0.7215, 0.6902
CMYK	0.00, 0.72, 0.69, 0.00
HSL	357°, 100%, 64%
HSV	357°, 72%, 100%
XYZ	44.9018, 26.3310, 10.1110
YIQ	126.9280, 107.0960, 41.4960

Conversions

Conversions Part 2

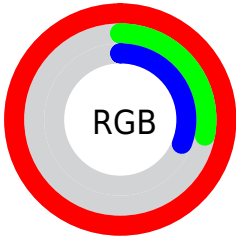
Format	Color
R _Y B	255, 71, 79
Decimal	16729935
CIE Lab	58.35, 68.94, 37.62
CIE LCh	58, 78.538, 28.622
Yxy	26.3310, 0.5520, 0.3237
Android (android.graphics.Color)	4294920015 (0xFFFF474F)
YUV	126.9280, -23.6285, 112.3191
Hunter-Lab	51.3137, 66.3964, 24.2369

Details

The Yxy color **26.3310, 0.5520, 0.3237** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **79.5716, 0.2345, 0.3383**, and the grayscale version is **21.2565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0511, 0.4534, 0.3325**, and **11.0626, 0.6132, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **23.4475, 0.5942, 0.3250**, and if you desaturate by 10%, it is **30.7074, 0.5047, 0.3233**.

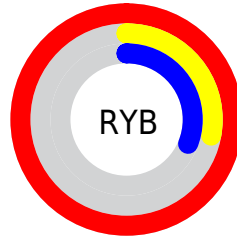
Distribution



Red (100%)

Green (28%)

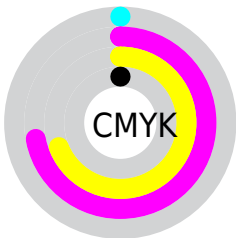
Blue (31%)



Red (100%)

Yellow (28%)

Blue (31%)

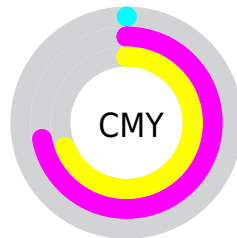


Cyan (0%)

Magenta (72%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3310, 0.5520, 0.3237 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 26.3310, 0.5520, 0.3237 by changing the saturation by 10% instead.

 26.3310, 0.5520,
0.3237


 26.3310, 0.5520,
0.3237


284.4032, 0.4234,
0.3372

 17.0714, 0.5846,
0.3160


 53.8085, 0.5043,
0.3317


 10.2854, 0.6256,
0.3036


 72.7951, 0.4865,
0.3337


 5.5886, 0.6773,
0.2829

 95.7929, 0.4717,
0.3351

 2.5966, 0.7495,
0.2505

 123.1863, 0.4590,
0.3359

 0.9249, 0.8121,
0.1879

 155.3596, 0.4482,
0.3365

 0.0000, 1.0000,
0.0000


192.6973, 0.4388,


 0.0000, 0.0000,


0.3369


0.0000


235.5837, 0.4306,
0.3371

 26.3310, 0.5520,
0.3237


 26.3310, 0.5520,
0.3237


 23.4475, 0.5942,
0.3250


 30.7074, 0.5047,
0.3233


 21.8543, 0.6242,
0.3270

 36.7363, 0.4588,
0.3236


 21.2824, 0.6370,
0.3283

 44.5620, 0.4182,
0.3244

 54.3118, 0.3840,
0.3255

 66.1013, 0.3562,
0.3266

 80.0374, 0.3339,
0.3277

 96.2190, 0.3160,
0.3288

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.



26.3310, 0.4618, 0.2518



26.3310, 0.5520, 0.3237



26.3310, 0.5493, 0.4031

Triad

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



26.3310, 0.5520, 0.3237



26.3310, 0.2591, 0.5513



26.3310, 0.1437, 0.1539

Complementary

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



26.3310, 0.5520, 0.3237



79.5716, 0.2345, 0.3383

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.



26.3310, 0.1152, 0.1825



26.3310, 0.5520, 0.3237



26.3310, 0.1669, 0.4081

Square

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



26.3310, 0.5520, 0.3237



26.3310, 0.3711, 0.5679



26.3310, 0.1204, 0.2621



26.3310, 0.2110, 0.1591

Rectangle

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



26.3310, 0.5520, 0.3237



26.3310, 0.5059, 0.4620



26.3310, 0.1204, 0.2621



26.3310, 0.1304, 0.1591

Sweetspot

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



26.3326, 0.5520, 0.3237



66.2934, 0.3558, 0.3266



31.2847, 0.3113, 0.1672



13.4589, 0.3628, 0.3263



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.



26.3326, 0.5520, 0.3237



22.5287, 0.6107, 0.3259



44.7623, 0.4881, 0.4054



17.9998, 0.3288, 0.3280



11.1270, 0.6357, 0.3276



1.0877, 0.6255, 0.3219

Inverse Universe

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



26.3326, 0.5520, 0.3237



22.5287, 0.6107, 0.3259



38.1440, 0.2041, 0.2196



17.9998, 0.3288, 0.3280



11.1270, 0.6357, 0.3276



1.0877, 0.6255, 0.3219

Previews

White Background



This preview shows how the Yxy color 26.3310, 0.5520, 0.3237 looks on a white background.

Color Contrast Check

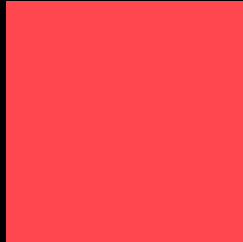
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3310, 0.5520, 0.3237 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 26.3310, 0.5520, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 26.3310, 0.5520, 0.3237.



This preview shows how white text looks on a background with the Yxy color 26.3310, 0.5520, 0.3237.

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

26.3310, 0.5520, 0.3237

Protanopia

26.3554, 0.3620, 0.3865

Deuteranopia

26.3641, 0.4293, 0.4218



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.3310, 0.5520, 0.3237

Protanomaly

23.9248, 0.4343, 0.3555

Deuteranomaly

24.5464, 0.4816, 0.3751

Tritanomaly

26.4165, 0.5549, 0.3267

Monochromacy



Original Color

26.3310, 0.5520, 0.3237

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.6398, 0.4016, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3310, 0.5520, 0.3237 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 79)  
}
```

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, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 79) }
```

Border

The CSS property to change the border of an element to Yxy 26.3310, 0.5520, 0.3237 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, 79) }
```

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

```
.border{ border-color:rgb(255, 71, 79) }
```

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, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3310, 0.5520, 0.3237 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, 79) }
```

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

```
.background{ background-color: rgb(255, 71,  
79) }
```

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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