

Converting Colors

$Y_{xy}(26.7980, 0.5434, 0.3215)$

Have a look what the booklet for
Yxy(26.7980, 0.5434, 0.3215)
contains.

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Color

Yxy(26.7977, 0.5439, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A54
RGB	255, 74, 84
RGB Percent	100%, 29%, 33%
CMY	0.0001, 0.7095, 0.6706
CMYK	0.00, 0.71, 0.67, 0.00
HSL	357°, 100%, 65%
HSV	357°, 71%, 100%
XYZ	45.2789, 26.7977, 11.1720
YIQ	129.2590, 104.6660, 41.4820

Conversions

Conversions Part 2

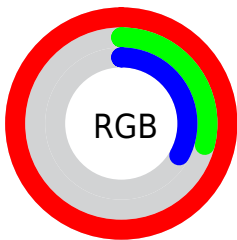
Format	Color
RYB	255, 74, 84
Decimal	16730708
CIELab	58.79, 68.15, 35.31
CIElCh	59, 76.751, 27.392
Yxy	26.7977, 0.5439, 0.3219
Android (android.graphics.Color)	4294920788 (0xFFFF4A54)
YUV	129.2590, -22.3127, 110.2749
Hunter-Lab	51.7665, 65.5382, 23.4409

Details

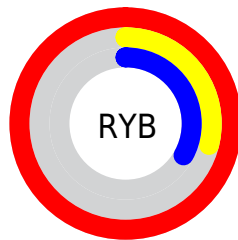
The Yxy color **26.7977, 0.5439, 0.3219** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **79.5496, 0.2358, 0.3407**, and the grayscale version is **22.1102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0314, 0.4449, 0.3294**, and **11.2228, 0.6069, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **23.7389, 0.5872, 0.3233**, and if you desaturate by 10%, it is **31.3681, 0.4968, 0.3216**.

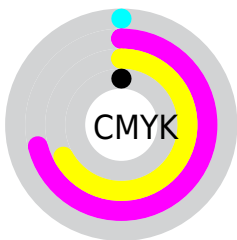
Distribution



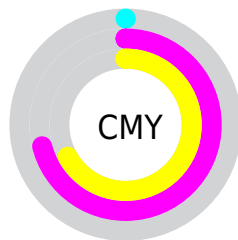
- Red (100%)
- Green (29%)
- Blue (33%)



- Red (100%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7977, 0.5439, 0.3219 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 26.7977, 0.5439, 0.3219 by changing the saturation by 10% instead.


 26.7977, 0.5439,
0.3219


 26.7977, 0.5439,
0.3219


286.6763, 0.4195,
0.3353

 17.4213, 0.5758,
0.3146


 54.5591, 0.4976,
0.3296

 10.5354, 0.6161,
0.3029


 73.7129, 0.4804,
0.3316


 5.7553, 0.6672,
0.2834

 96.8946, 0.4660,
0.3329

 2.6969, 0.7452,
0.2548

 124.4887, 0.4539,
0.3339

 0.9756, 0.8068,
0.1932

 156.8795, 0.4434,
0.3345

 0.0000, 1.0000,
0.0000

194.4515, 0.4344,

 0.0000, 0.0000,


0.3349


0.0000


237.5889, 0.4265,
0.3351


 26.7977, 0.5439,
0.3219


 26.7977, 0.5439,
0.3219


 23.7389, 0.5872,
0.3233


 31.3681, 0.4968,
0.3216

 21.9948, 0.6197,
0.3257


 37.6060, 0.4519,
0.3222

 21.2847, 0.6361,
0.3278

 45.6530, 0.4125,
0.3233

 55.6344, 0.3795,
0.3246

 67.6644, 0.3528,
0.3261

 81.8483, 0.3313,
0.3275

 98.2842, 0.3142,
0.3289

99.9930, 0.3127,
0.3290

Harmonies

Analogous

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



26.7977, 0.4527, 0.2511



26.7977, 0.5439, 0.3219



26.7977, 0.5461, 0.4000

Triad

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



26.7977, 0.5439, 0.3219



26.7977, 0.2658, 0.5474



26.7977, 0.1452, 0.1579

Complementary

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



26.7977, 0.5439, 0.3219



79.5496, 0.2358, 0.3407

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.



26.7977, 0.1185, 0.1882



26.7977, 0.5439, 0.3219



26.7977, 0.1736, 0.4126

Square

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



26.7977, 0.5439, 0.3219



26.7977, 0.3759, 0.5602



26.7977, 0.1254, 0.2690



26.7977, 0.2099, 0.1616

Rectangle

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



26.7977, 0.5439, 0.3219



26.7977, 0.5060, 0.4573



26.7977, 0.1254, 0.2690



26.7977, 0.1325, 0.1636

Sweetspot

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



26.7993, 0.5439, 0.3219



67.6217, 0.3529, 0.3261



31.1614, 0.3085, 0.1674



13.7181, 0.3597, 0.3257



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.



26.7993, 0.5439, 0.3219



22.8938, 0.6020, 0.3242



44.3525, 0.4873, 0.4020



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3198

Inverse Universe

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



26.7993, 0.5439, 0.3219



22.8938, 0.6020, 0.3242



39.9523, 0.2065, 0.2259



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3198

Previews

White Background



This preview shows how the Yxy color 26.7977, 0.5439, 0.3219 looks on a white background.

Color Contrast Check

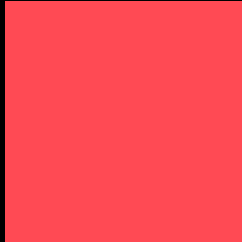
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7977, 0.5439, 0.3219 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 26.7977, 0.5439, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 26.7977, 0.5439, 0.3219.



This preview shows how white text looks on a background with the Yxy color 26.7977, 0.5439, 0.3219.

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

26.7977, 0.5439, 0.3219

Protanopia

26.7549, 0.3563, 0.3798

Deuteranopia

26.8210, 0.4248, 0.4165



Tritanopia

26.8422, 0.5505, 0.3274

Trichromacy



Original Color

26.7977, 0.5439, 0.3219

Protanomaly

24.4810, 0.4264, 0.3515

Deuteranomaly

25.0568, 0.4739, 0.3722

Tritanomaly

26.8713, 0.5481, 0.3258

Monochromacy



Original Color

26.7977, 0.5439, 0.3219

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2435, 0.3976, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7977, 0.5439, 0.3219 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, 74, 84)` looks like.

```
.text, #text, p{  
  color:rgb(255, 74, 84)  
}
```

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, 74, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.7977, 0.5439, 0.3219 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, 74, 84) }
```

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

```
.border{ border-color:rgb(255, 74, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7977, 0.5439, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 84) }
```

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

```
.background{ background-color: rgb(255, 74,  
84) }
```

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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