

Converting Colors

$Yxy(27.2668, 0.5391, 0.3224)$

Have a look what the booklet for
Yxy(27.2668, 0.5391, 0.3224)
contains.

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Color

Yxy(27.2396, 0.5395, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D56
RGB	255, 77, 86
RGB Percent	100%, 30%, 34%
CMY	0.0001, 0.6979, 0.6628
CMYK	0.00, 0.70, 0.66, 0.00
HSL	357°, 100%, 65%
HSV	357°, 70%, 100%
XYZ	45.5683, 27.2396, 11.6560
YIQ	131.2480, 103.1990, 40.5350

Conversions

Conversions Part 2

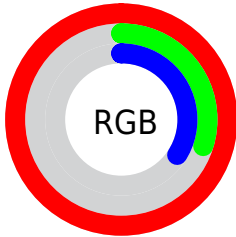
Format	Color
RYB	255, 77, 86
Decimal	16731478
CIELab	59.20, 67.21, 34.68
CIELCh	59, 75.634, 27.295
Yxy	27.2396, 0.5395, 0.3225
Android (android.graphics.Color)	4294921558 (0xFFFF4D56)
YUV	131.2480, -22.3073, 108.5305
Hunter-Lab	52.1916, 64.5124, 23.2928

Details

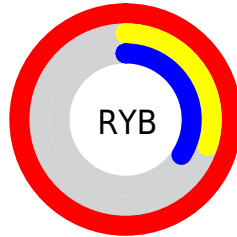
The Yxy color **27.2396, 0.5395, 0.3225** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **79.7442, 0.2361, 0.3395**, and the grayscale version is **22.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6459, 0.4416, 0.3294**, and **11.2365, 0.6040, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **24.0169, 0.5836, 0.3237**, and if you desaturate by 10%, it is **31.9951, 0.4922, 0.3223**.

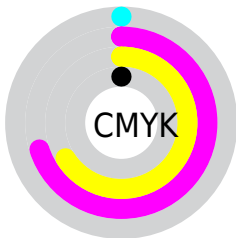
Distribution



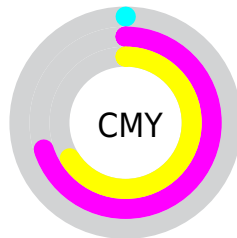
- Red (100%)
- Green (30%)
- Blue (34%)



- Red (100%)
- Yellow (30%)
- Blue (34%)



- Cyan (0%)
- Magenta (70%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2396, 0.5395, 0.3225 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 27.2396, 0.5395, 0.3225 by changing the saturation by 10% instead.

 27.2396, 0.5395,
0.3225


 27.2396, 0.5395,
0.3225


288.8154, 0.4176,
0.3352


 17.7533, 0.5708,
0.3156


 55.2681, 0.4941,
0.3298


 10.7730, 0.6104,
0.3045


 74.5791, 0.4773,
0.3317


 5.9144, 0.6610,
0.2858


 97.9337, 0.4632,
0.3330

 2.7931, 0.7407,
0.2593

 125.7163, 0.4512,
0.3338

 1.0247, 0.8013,
0.1987

 158.3114, 0.4410,
0.3344

 0.0000, 1.0000,
0.0000

196.1034, 0.4322,

 0.0000, 0.0000,

0.3348

0.0000

239.4765, 0.4244,
0.3350

■ 27.2396, 0.5395,
0.3225

■ 27.2396, 0.5395,
0.3225

■ 24.0169, 0.5836,
0.3237

■ 31.9951, 0.4922,
0.3223

■ 22.1343, 0.6174,
0.3258

■ 38.4366, 0.4476,
0.3229


■ 21.2983, 0.6362,
0.3280

■ 46.7041, 0.4088,
0.3239

■ 21.2852, 0.6365,
0.3280

■ 56.9215, 0.3764,
0.3252

■ 69.2022, 0.3502,
0.3265

 83.6505, 0.3292,
0.3278

99.9966, 0.3127,
0.3290

Harmonies

Analogous

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



27.2396, 0.4496, 0.2523



27.2396, 0.5395, 0.3225



27.2396, 0.5427, 0.3999

Triad

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



27.2396, 0.5395, 0.3225



27.2396, 0.2677, 0.5426



27.2396, 0.1474, 0.1603

Complementary

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



27.2396, 0.5395, 0.3225



79.7442, 0.2361, 0.3395

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.



27.2396, 0.1210, 0.1907



27.2396, 0.5395, 0.3225



27.2396, 0.1764, 0.4115

Square

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



27.2396, 0.5395, 0.3225



27.2396, 0.3763, 0.5560



27.2396, 0.1282, 0.2710



27.2396, 0.2113, 0.1639

Rectangle

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



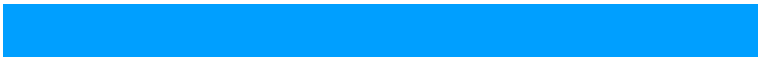
27.2396, 0.5395, 0.3225



27.2396, 0.5040, 0.4563



27.2396, 0.1282, 0.2710



27.2396, 0.1348, 0.1662

Sweetspot

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



27.2412, 0.5395, 0.3225



67.6098, 0.3531, 0.3264



31.6077, 0.3086, 0.1691



13.7153, 0.3599, 0.3260



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.



27.2412, 0.5395, 0.3225



23.0761, 0.5995, 0.3245



44.9527, 0.4837, 0.4015



18.0019, 0.3287, 0.3278



11.1299, 0.6350, 0.3272



1.0886, 0.6232, 0.3207

Inverse Universe

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



27.2412, 0.5395, 0.3225



23.0761, 0.5995, 0.3245



40.5884, 0.2078, 0.2279



18.0019, 0.3287, 0.3278



11.1299, 0.6350, 0.3272



1.0886, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 27.2396, 0.5395, 0.3225 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 27.2396, 0.5395, 0.3225 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 27.2396, 0.5395, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 27.2396, 0.5395, 0.3225.



This preview shows how white text looks on a background with the Yxy color 27.2396, 0.5395, 0.3225.

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

27.2396, 0.5395, 0.3225

Protanopia

27.4902, 0.3546, 0.3793

Deuteranopia

27.2441, 0.4232, 0.4149



Tritanopia

27.3180, 0.5437, 0.3265

Trichromacy



Original Color

27.2396, 0.5395, 0.3225

Protanomaly

24.9917, 0.4224, 0.3515

Deuteranomaly

25.6780, 0.4708, 0.3722

Tritanomaly

27.3333, 0.5425, 0.3257

Monochromacy



Original Color

27.2396, 0.5395, 0.3225

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8368, 0.3950, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2396, 0.5395, 0.3225 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, 77, 86)` looks like.

```
.text, #text, p{  
  color:rgb(255, 77, 86)  
}
```

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, 77, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 86) }
```

Border

The CSS property to change the border of an element to Yxy 27.2396, 0.5395, 0.3225 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, 77, 86) }
```

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

```
.border{ border-color:rgb(255, 77, 86) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2396, 0.5395, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 86) }
```

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

```
.background{ background-color: rgb(255, 77,  
86) }
```

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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