

Converting Colors

Yxy(31.1436, 0.5531, 0.3230)

Have a look what the booklet for
Yxy(31.1436, 0.5531, 0.3230)
contains.

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Color

Yxy(27.1008, 0.5402, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C56
RGB	255, 76, 86
RGB Percent	100%, 30%, 34%
CMY	0.0000, 0.7020, 0.6628
CMYK	0.00, 0.70, 0.66, 0.00
HSL	357°, 100%, 65%
HSV	357°, 70%, 100%
XYZ	45.5078, 27.1008, 11.6339
YIQ	130.6610, 103.4740, 41.0580

Conversions

Conversions Part 2

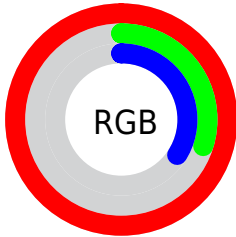
Format	Color
R_{YB}	255, 76, 86
Decimal	16731222
CIE _{Lab}	59.07, 67.59, 34.52
CIE _{LCh}	59, 75.897, 27.056
Yxy	27.1008, 0.5402, 0.3217
Android (android.graphics.Color)	4294921302 (0xFFFF4C56)
YUV	130.6610, -22.0179, 109.0453
Hunter-Lab	52.0584, 64.9366, 23.1909

Details

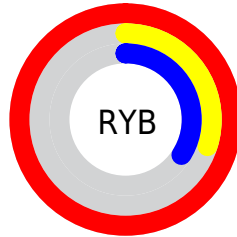
The Yxy color **27.1008, 0.5402, 0.3217** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **79.6492, 0.2363, 0.3408**, and the grayscale version is **22.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3655, 0.4421, 0.3284**, and **11.2365, 0.6040, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **23.9305, 0.5841, 0.3230**, and if you desaturate by 10%, it is **31.7907, 0.4931, 0.3215**.

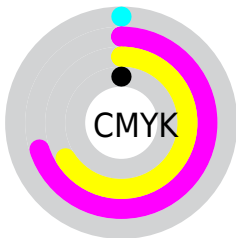
Distribution



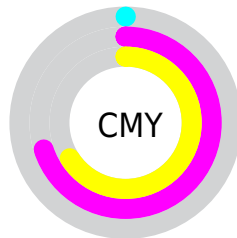
- Red (100%)
- Green (30%)
- Blue (34%)



- 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 27.1008, 0.5402, 0.3217 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 27.1008, 0.5402, 0.3217 by changing the saturation by 10% instead.


 27.1008, 0.5402,
0.3217


 27.1008, 0.5402,
0.3217


288.1448, 0.4178,
0.3348

 17.6489, 0.5716,
0.3147


 55.0456, 0.4946,
0.3291


 10.6982, 0.6115,
0.3034


 74.3073, 0.4777,
0.3311


 5.8643, 0.6623,
0.2845


 97.6077, 0.4636,
0.3324

 2.7627, 0.7423,
0.2577

 125.3313, 0.4516,
0.3334

 1.0092, 0.8033,
0.1967

 157.8624, 0.4413,
0.3340

 0.0000, 1.0000,
0.0000

195.5854, 0.4324,

 0.0000, 0.0000,

0.3344

0.0000

238.8848, 0.4247,
0.3347

■ 27.1008, 0.5402,
0.3217

■ 27.1008, 0.5402,
0.3217

■ 23.9305, 0.5841,
0.3230

■ 31.7907, 0.4931,
0.3215

■ 22.0939, 0.6176,
0.3254


■ 38.1623, 0.4485,
0.3221

■ 21.2924, 0.6360,
0.3277

■ 46.3532, 0.4096,
0.3233

■ 56.4879, 0.3772,
0.3247

■ 68.6797, 0.3509,
0.3262

 83.0335, 0.3299,
0.3276

99.6467, 0.3130,
0.3290

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.



27.1008, 0.4493, 0.2514



27.1008, 0.5402, 0.3217



27.1008, 0.5439, 0.3992

Triad

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



27.1008, 0.5402, 0.3217



27.1008, 0.2681, 0.5445



27.1008, 0.1465, 0.1598

Complementary

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



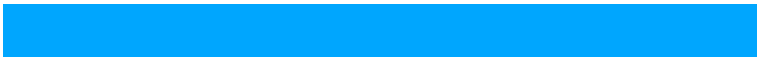
27.1008, 0.5402, 0.3217



79.6492, 0.2363, 0.3408

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.



27.1008, 0.1203, 0.1905



27.1008, 0.5402, 0.3217



27.1008, 0.1763, 0.4132

Square

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



27.1008, 0.5402, 0.3217



27.1008, 0.3772, 0.5567



27.1008, 0.1277, 0.2715



27.1008, 0.2102, 0.1632

Rectangle

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



27.1008, 0.5402, 0.3217



27.1008, 0.5052, 0.4558



27.1008, 0.1277, 0.2715



27.1008, 0.1340, 0.1657

Sweetspot

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



27.0997, 0.5402, 0.3217



67.6242, 0.3529, 0.3260



31.4545, 0.3086, 0.1685



13.7186, 0.3597, 0.3256



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.



27.0997, 0.5402, 0.3217



23.0869, 0.5984, 0.3238



44.7490, 0.4850, 0.4017



18.0035, 0.3286, 0.3277



11.1322, 0.6345, 0.3269



1.0894, 0.6214, 0.3197

Inverse Universe

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



27.0997, 0.5402, 0.3217



23.0869, 0.5984, 0.3238



40.3709, 0.2073, 0.2272



18.0035, 0.3286, 0.3277



11.1322, 0.6345, 0.3269



1.0894, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 27.1008, 0.5402, 0.3217 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 27.1008, 0.5402, 0.3217 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 27.1008, 0.5402, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 27.1008, 0.5402, 0.3217.



This preview shows how white text looks on a background with the Yxy color 27.1008, 0.5402, 0.3217.

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

27.1008, 0.5402, 0.3217

Protanopia

27.1913, 0.3550, 0.3778

Deuteranopia

27.1288, 0.4220, 0.4154



Tritanopia

27.1618, 0.5456, 0.3266

Trichromacy



Original Color

27.1008, 0.5402, 0.3217

Protanomaly

24.7550, 0.4231, 0.3501

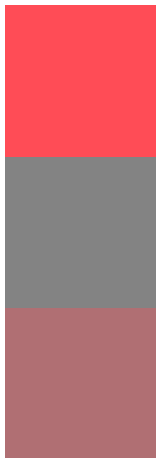
Deuteranomaly

25.3103, 0.4707, 0.3712

Tritanomaly

27.1923, 0.5432, 0.3249

Monochromacy



Original Color

27.1008, 0.5402, 0.3217

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 27.1008, 0.5402, 0.3217 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, 76, 86)` looks like.

```
.text, #text, p{  
  color:rgb(255, 76, 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, 76, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 86) }
```

Border

The CSS property to change the border of an element to Yxy 27.1008, 0.5402, 0.3217 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, 76, 86) }
```

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

```
.border{ border-color:rgb(255, 76, 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, 76, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1008, 0.5402, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 86) }
```

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

```
.background{ background-color: rgb(255, 76,  
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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