

Converting Colors

$Yxy(27.2806, 0.5378, 0.3497)$

Have a look what the booklet for
Yxy(27.2806, 0.5378, 0.3497)
contains.

Yxy(27.3256, 0.5371, 0.3496)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3256, 0.5371, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	F35D46
RGB	243, 93, 70
RGB Percent	95%, 36%, 27%
CMY	0.0471, 0.6352, 0.7255
CMYK	0.00, 0.62, 0.71, 0.05
HSL	8°, 88%, 61%
HSV	8°, 71%, 95%
XYZ	41.9811, 27.3256, 8.8558
YIQ	135.2280, 96.7830, 24.6470

Conversions

Conversions Part 2

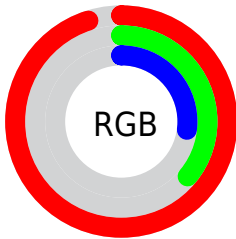
Format	Color
RYB	243, 97, 70
Decimal	15949126
CIELab	59.27, 56.32, 43.13
CIElCh	59, 70.939, 37.444
Yxy	27.3256, 0.5371, 0.3496
Android (android.graphics.Color)	4294139206 (0xFFFF35D46)
YUV	135.2280, -32.1574, 94.5160
Hunter-Lab	52.2739, 51.8737, 26.5473

Details

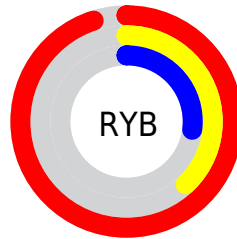
The Yxy color **27.3256, 0.5371, 0.3496** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **58.9498, 0.2247, 0.2991**, and the grayscale version is **24.4145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0868, 0.4518, 0.3600**, and **10.8570, 0.6043, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **23.8766, 0.5787, 0.3475**, and if you desaturate by 10%, it is **31.9202, 0.4926, 0.3493**.

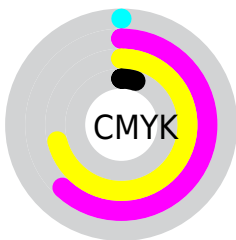
Distribution



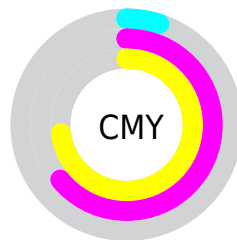
- Red (95%)
- Green (36%)
- Blue (27%)



- Red (95%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3256, 0.5371, 0.3496 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 27.3256, 0.5371, 0.3496 by changing the saturation by 10% instead.


 27.3256, 0.5371,
0.3496

 27.3256, 0.5371,
0.3496


289.2302, 0.4176,
0.3497


 17.8179, 0.5669,
0.3450


 55.4059, 0.4931,
0.3528

 10.8193, 0.6038,
0.3361


 74.7473, 0.4766,
0.3530

 5.9455, 0.6518,
0.3205


 98.1354, 0.4628,
0.3528

 2.8120, 0.7098,
0.2902

 125.9546, 0.4510,
0.3523

 1.0344, 0.7684,
0.2316

 158.5893, 0.4409,
0.3517

 0.0000, 1.0000,
0.0000

196.4238, 0.4321,

 0.0000, 0.0000,

0.3511

0.0000

239.8427, 0.4244,
0.3504

■ 27.3256, 0.5371,
0.3496

■ 27.3256, 0.5371,
0.3496

■ 23.8766, 0.5787,
0.3475

■ 31.9202, 0.4926,
0.3493

■ 21.4667, 0.6115,
0.3429


■ 37.7453, 0.4502,
0.3472


■ 20.1046, 0.6301,
0.3379


■ 44.8829, 0.4126,
0.3440

■ 53.4068, 0.3806,
0.3403

■ 63.3850, 0.3540,
0.3365

 74.8813, 0.3323,
0.3328

 87.9554, 0.3146,
0.3294

 97.7939, 0.3054,
0.3290

Harmonies

Analogous

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



27.3256, 0.4775, 0.2789



27.3256, 0.5371, 0.3496



27.3256, 0.5166, 0.4269

Triad

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



27.3256, 0.5371, 0.3496



27.3256, 0.2391, 0.4949



27.3256, 0.1715, 0.1660

Complementary

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



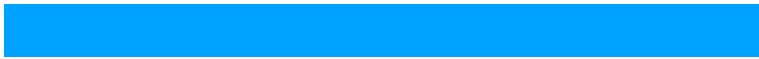
27.3256, 0.5371, 0.3496



58.9498, 0.2247, 0.2991

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.



27.3256, 0.1343, 0.1838



27.3256, 0.5371, 0.3496



27.3256, 0.1635, 0.3580

Square

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



27.3256, 0.5371, 0.3496



27.3256, 0.3410, 0.5503



27.3256, 0.1305, 0.2432



27.3256, 0.2471, 0.1788

Rectangle

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



27.3256, 0.5371, 0.3496



27.3256, 0.4704, 0.4807



27.3256, 0.1305, 0.2432



27.3256, 0.1552, 0.1682

Sweetspot

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



27.3272, 0.5371, 0.3496



70.8903, 0.3537, 0.3364



28.7518, 0.3413, 0.1871



14.4767, 0.3605, 0.3375



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.



27.3272, 0.5371, 0.3496



25.4259, 0.5933, 0.3459



50.8143, 0.4580, 0.4332



16.8378, 0.3290, 0.3322



11.1431, 0.6282, 0.3394



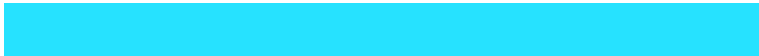
1.0885, 0.6088, 0.3548

Inverse Universe

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



58.9498, 0.2247, 0.2991



62.1197, 0.2171, 0.2925



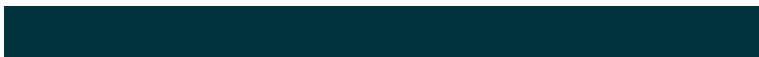
25.4700, 0.1950, 0.1803



18.3597, 0.2981, 0.3258



29.1765, 0.2129, 0.2863



2.6665, 0.2145, 0.2922

Previews

White Background



This preview shows how the Yxy color 27.3256, 0.5371, 0.3496 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 27.3256, 0.5371, 0.3496 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 27.3256, 0.5371, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 27.3256, 0.5371, 0.3496.



This preview shows how white text looks on a background with the Yxy color 27.3256, 0.5371, 0.3496.

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

27.3256, 0.5371, 0.3496

Protanopia

27.4010, 0.3848, 0.4175

Deuteranopia

27.4102, 0.4400, 0.4307



Tritanopia

27.3716, 0.5108, 0.3249

Trichromacy



Original Color

27.3256, 0.5371, 0.3496

Protanomaly

25.9527, 0.4428, 0.3888

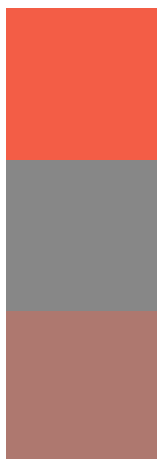
Deuteranomaly

26.3597, 0.4804, 0.3957

Tritanomaly

27.3872, 0.5214, 0.3342

Monochromacy



Original Color

27.3256, 0.5371, 0.3496

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5793, 0.3931, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3256, 0.5371, 0.3496 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(243, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 93, 70)  
}
```

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(243, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 93, 70) }
```

Border

The CSS property to change the border of an element to Yxy 27.3256, 0.5371, 0.3496 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(243, 93, 70) }
```

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

```
.border{ border-color:rgb(243, 93, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 93, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 93, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 93, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 93,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3256, 0.5371, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 93, 70) }
```

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

```
.background{ background-color: rgb(243, 93,  
70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor