

Converting Colors

$Y_{xy}(25.8386, 0.5433, 0.3411)$

Have a look what the booklet for
Yxy(25.8386, 0.5433, 0.3411)
contains.

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Color

Yxy(25.8503, 0.5438, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	F35447
RGB	243, 84, 71
RGB Percent	95%, 33%, 28%
CMY	0.0470, 0.6706, 0.7216
CMYK	0.00, 0.65, 0.71, 0.05
HSL	5°, 88%, 62%
HSV	5°, 71%, 95%
XYZ	41.2724, 25.8503, 8.7736
YIQ	130.0590, 98.9370, 29.6650

Conversions

Conversions Part 2

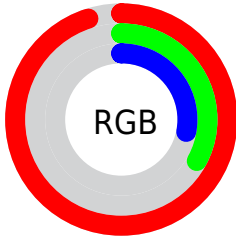
Format	Color
R_{YB}	243, 85, 71
Decimal	15946823
CIE _{Lab}	57.89, 60.11, 41.02
CIE _{LCh}	58, 72.776, 34.308
Yxy	25.8503, 0.5438, 0.3406
Android (android.graphics.Color)	4294136903 (0xFFFF35447)
YUV	130.0590, -29.1161, 99.0493
Hunter-Lab	50.8432, 55.9235, 25.3590

Details

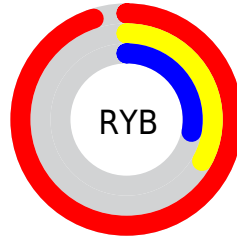
The Yxy color **25.8503, 0.5438, 0.3406** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **64.4054, 0.2283, 0.3123**, and the grayscale version is **22.4238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6658, 0.4559, 0.3508**, and **9.9999, 0.6141, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **22.6542, 0.5865, 0.3392**, and if you desaturate by 10%, it is **30.2916, 0.4974, 0.3406**.

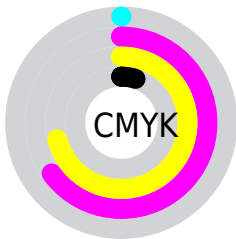
Distribution



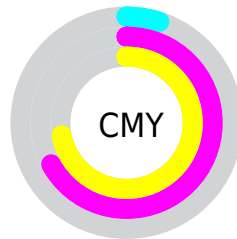
- Red (95%)
- Green (33%)
- Blue (28%)



- Red (95%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (5%)




- Cyan (5%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8503, 0.5438, 0.3406 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 25.8503, 0.5438, 0.3406 by changing the saturation by 10% instead.


 25.8503, 0.5438,
0.3406


 25.8503, 0.5438,
0.3406


282.0464, 0.4195,
0.3455


 16.7117, 0.5752,
0.3347


 53.0333, 0.4977,
0.3456

 10.0291, 0.6144,
0.3241


 71.8466, 0.4806,
0.3465

 5.4183, 0.6659,
0.3062

 94.6534, 0.4662,
0.3468

 2.4947, 0.7277,
0.2723

 121.8384, 0.4540,
0.3468

 0.8740, 0.7906,
0.2094

 153.7857, 0.4435,
0.3466

 0.0000, 1.0000,
0.0000

190.8799, 0.4344,

 0.0000, 0.0000,


0.3463


0.0000


233.5054, 0.4265,
0.3459


 25.8503, 0.5438,
0.3406


 25.8503, 0.5438,
0.3406


 22.6542, 0.5865,
0.3392


 30.2916, 0.4974,
0.3406

 20.5718, 0.6187,
0.3363


 36.0835, 0.4531,
0.3394


 19.5015, 0.6358,
0.3334


 43.3254, 0.4139,
0.3376

 52.1058, 0.3808,
0.3354

 62.5065, 0.3537,
0.3332

 74.6032, 0.3317,
0.3311

 88.4670, 0.3140,
0.3291

 97.7966, 0.3054,
0.3290

Harmonies

Analogous

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



25.8503, 0.4737, 0.2693



25.8503, 0.5438, 0.3406



25.8503, 0.5288, 0.4191

Triad

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



25.8503, 0.5438, 0.3406



25.8503, 0.2454, 0.5156



25.8503, 0.1611, 0.1610

Complementary

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



25.8503, 0.5438, 0.3406



64.4054, 0.2283, 0.3123

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.



25.8503, 0.1269, 0.1825



25.8503, 0.5438, 0.3406



25.8503, 0.1637, 0.3742

Square

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



25.8503, 0.5438, 0.3406



25.8503, 0.3513, 0.5590



25.8503, 0.1261, 0.2486



25.8503, 0.2341, 0.1713

Rectangle

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



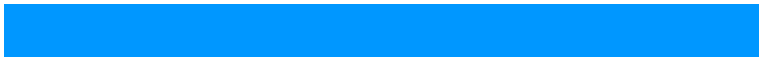
25.8503, 0.5438, 0.3406



25.8503, 0.4831, 0.4753



25.8503, 0.1261, 0.2486



25.8503, 0.1457, 0.1643

Sweetspot

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



25.8518, 0.5438, 0.3406



69.4004, 0.3544, 0.3333



29.3620, 0.3318, 0.1813



14.1302, 0.3613, 0.3339



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.



25.8518, 0.5438, 0.3406



24.1000, 0.6024, 0.3381



47.6898, 0.4648, 0.4247



16.6837, 0.3292, 0.3309



10.7741, 0.6345, 0.3344



1.0154, 0.6216, 0.3447

Inverse Universe

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



64.4054, 0.2283, 0.3123



69.1408, 0.2214, 0.3085



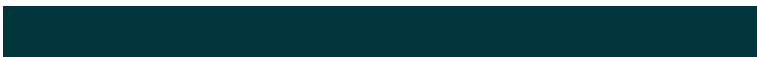
28.2247, 0.1986, 0.1934



18.5307, 0.2981, 0.3271



33.0842, 0.2181, 0.3052



2.9705, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 25.8503, 0.5438, 0.3406 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 25.8503, 0.5438, 0.3406 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 25.8503, 0.5438, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 25.8503, 0.5438, 0.3406.



This preview shows how white text looks on a background with the Yxy color 25.8503, 0.5438, 0.3406.

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

25.8503, 0.5438, 0.3406

Protanopia

25.8788, 0.3795, 0.4088

Deuteranopia

26.0071, 0.4366, 0.4286



Tritanopia

25.9396, 0.5281, 0.3261

Trichromacy



Original Color

25.8503, 0.5438, 0.3406

Protanomaly

24.1325, 0.4425, 0.3791

Deuteranomaly

24.6489, 0.4807, 0.3901

Tritanomaly

26.0137, 0.5336, 0.3314

Monochromacy



Original Color

25.8503, 0.5438, 0.3406

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5723, 0.3958, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8503, 0.5438, 0.3406 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, 84, 71)` looks like.

```
.text, #text, p{  
    color:rgb(243, 84, 71)  
}
```

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, 84, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 84, 71) }
```

Border

The CSS property to change the border of an element to Yxy 25.8503, 0.5438, 0.3406 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, 84, 71) }
```

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

```
.border{ border-color:rgb(243, 84, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 84, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 84, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 84, 71);  
box-shadow:4px 4px 4px 4px rgb(243, 84,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8503, 0.5438, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 84, 71) }
```

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

```
.background{ background-color: rgb(243, 84,  
71) }
```

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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