

Converting Colors

$Yxy(33.0243, 0.5724, 0.3471)$

Have a look what the booklet for
Yxy(33.0243, 0.5724, 0.3471)
contains.

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Color

Yxy(28.3922, 0.5606, 0.3503)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF573B |
| RGB | 255, 87, 59 |
| RGB Percent | 100%, 34%, 23% |
| CMY | 0.0000, 0.6588, 0.7687 |
| CMYK | 0.00, 0.66, 0.77, 0.00 |
| HSL | 9°, 100%, 62% |
| HSV | 9°, 77%, 100% |
| XYZ | 45.4372, 28.3922, 7.2217 |
| YIQ | 134.0400, 109.1160, 26.9080 |

Conversions

Conversions Part 2

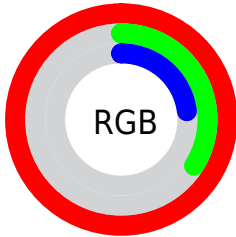
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 92, 59 |
| Decimal | 16734011 |
| CIE _{Lab} | 60.24, 62.33, 50.49 |
| CIE _{LCh} | 60, 80.215, 39.011 |
| Yxy | 28.3922, 0.5606, 0.3503 |
| Android (android.graphics.Color) | 4294924091 (0xFFFF573B) |
| YUV | 134.0400, -36.9947, 106.0819 |
| Hunter-Lab | 53.2843, 58.9651, 29.2634 |

Details

The Yxy color **28.3922, 0.5606, 0.3503** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **63.0746, 0.2204, 0.2938**, and the grayscale version is **23.9660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2892, 0.4660, 0.3655**, and **11.4017, 0.6277, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **25.1711, 0.5978, 0.3465**, and if you desaturate by 10%, it is **32.8165, 0.5172, 0.3513**.

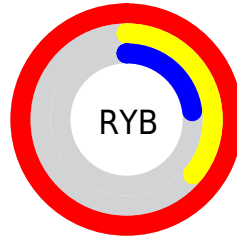
Distribution



Red (100%)

Green (34%)

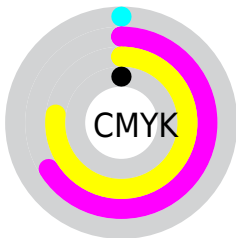
Blue (23%)



Red (100%)

Yellow (36%)

Blue (23%)

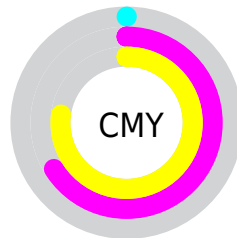


Cyan (0%)

Magenta (66%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3922, 0.5606, 0.3503 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 28.3922, 0.5606, 0.3503 by changing the saturation by 10% instead.


 28.3922, 0.5606,
0.3503


 28.3922, 0.5606,
0.3503


294.3363, 0.4314,
0.3534

 18.6215, 0.5911,
0.3439


 57.1100, 0.5142,
0.3555

 11.3971, 0.6277,
0.3324


 76.8259, 0.4964,
0.3562

 6.3346, 0.6786,
0.3156


 100.6257, 0.4814,
0.3563

 3.0496, 0.7224,
0.2776

 128.8937, 0.4684,
0.3560

 1.1577, 0.7801,
0.2199

 162.0144, 0.4573,
0.3555

 0.0267, 0.9851,
0.0149

 200.3721, 0.4475,

 0.0000, 1.0000,

0.3548

0.0000

244.3513, 0.4390,
0.3541

■ 0.0000, 0.0000,
0.0000

■ 28.3922, 0.5606,
0.3503

■ 28.3922, 0.5606,
0.3503

■ 25.1711, 0.5978,
0.3465

■ 32.8165, 0.5172,
0.3513

■ 23.0272, 0.6233,
0.3404

■ 38.5431, 0.4734,
0.3500

■ 22.5493, 0.6291,
0.3387

■ 45.6666, 0.4331,
0.3471

■ 54.2710, 0.3980,
0.3434

■ 64.4339, 0.3685,
0.3394

 76.2273, 0.3441,
0.3353

 89.7187, 0.3242,
0.3315

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



28.3922, 0.5016, 0.2761



28.3922, 0.5606, 0.3503



28.3922, 0.5293, 0.4331

Triad

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



28.3922, 0.5606, 0.3503



28.3922, 0.2235, 0.5110



28.3922, 0.1625, 0.1528

Complementary

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



28.3922, 0.5606, 0.3503



63.0746, 0.2204, 0.2938

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.



28.3922, 0.1217, 0.1685



28.3922, 0.5606, 0.3503



28.3922, 0.1459, 0.3512

Square

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



28.3922, 0.5606, 0.3503



28.3922, 0.3322, 0.5765



28.3922, 0.1151, 0.2276



28.3922, 0.2454, 0.1681

Rectangle

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



28.3922, 0.5606, 0.3503



28.3922, 0.4748, 0.4933



28.3922, 0.1151, 0.2276



28.3922, 0.1447, 0.1542

Sweetspot

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



28.3939, 0.5606, 0.3503



68.7974, 0.3585, 0.3378



30.0362, 0.3476, 0.1834



13.8514, 0.3678, 0.3393



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.



28.3939, 0.5606, 0.3503



23.9447, 0.6126, 0.3436



55.4956, 0.4673, 0.4397



18.4058, 0.3291, 0.3325



11.9085, 0.6271, 0.3403



1.2795, 0.6090, 0.3547

Inverse Universe

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



63.0746, 0.2204, 0.2938



59.3293, 0.2137, 0.2861



24.3445, 0.1862, 0.1622



20.0126, 0.2980, 0.3255



30.2906, 0.2119, 0.2829



3.0652, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 28.3922, 0.5606, 0.3503 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 28.3922, 0.5606, 0.3503 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 28.3922, 0.5606, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 28.3922, 0.5606, 0.3503.



This preview shows how white text looks on a background with the Yxy color 28.3922, 0.5606, 0.3503.

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

28.3922, 0.5606, 0.3503

Protanopia

28.5672, 0.3966, 0.4339

Deuteranopia

28.3273, 0.4525, 0.4436



Tritanopia

28.3219, 0.5311, 0.3255

Trichromacy



Original Color

28.3922, 0.5606, 0.3503

Protanomaly

26.7115, 0.4620, 0.3988

Deuteranomaly

26.9880, 0.4994, 0.4025

Tritanomaly

28.3071, 0.5432, 0.3353

Monochromacy



Original Color

28.3922, 0.5606, 0.3503

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2491, 0.4051, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3922, 0.5606, 0.3503 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, 87, 59)` looks like.

```
.text, #text, p{  
  color:rgb(255, 87, 59)  
}
```

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, 87, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 59) }
```

Border

The CSS property to change the border of an element to Yxy 28.3922, 0.5606, 0.3503 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, 87, 59) }
```

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

```
.border{ border-color:rgb(255, 87, 59) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3922, 0.5606, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 59) }
```

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

```
.background{ background-color: rgb(255, 87,  
59) }
```

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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