

Converting Colors

$Yxy(33.7125, 0.5715, 0.3461)$

Have a look what the booklet for
Yxy(33.7125, 0.5715, 0.3461)
contains.

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Color

Yxy(28.4133, 0.5588, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	FF573D
RGB	255, 87, 61
RGB Percent	100%, 34%, 24%
CMY	0.0000, 0.6588, 0.7606
CMYK	0.00, 0.66, 0.76, 0.00
HSL	8°, 100%, 62%
HSV	8°, 76%, 100%
XYZ	45.4938, 28.4133, 7.5063
YIQ	134.2680, 108.4740, 27.5300

Conversions

Conversions Part 2

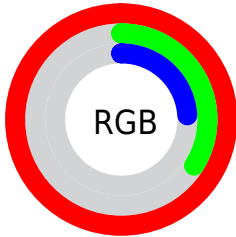
Format	Color
RYB	255, 91, 61
Decimal	16734013
CIELab	60.26, 62.41, 49.48
CIELCh	60, 79.642, 38.406
Yxy	28.4133, 0.5588, 0.3490
Android (android.graphics.Color)	4294924093 (0xFFFF573D)
YUV	134.2680, -36.1211, 105.8820
Hunter-Lab	53.3041, 59.0634, 28.9636

Details

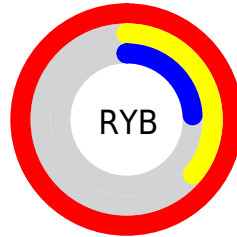
The Yxy color **28.4133, 0.5588, 0.3490** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **64.2731, 0.2215, 0.2965**, and the grayscale version is **24.0500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3323, 0.4640, 0.3636**, and **11.3771, 0.6265, 0.3314** is the 20% darker color. If you saturate the color by 10%, you get **25.1549, 0.5967, 0.3456**, and if you desaturate by 10%, it is **32.8959, 0.5149, 0.3498**.

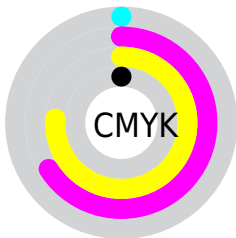
Distribution



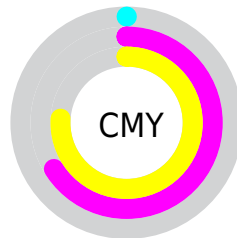
- Red (100%)
- Green (34%)
- Blue (24%)



- Red (100%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4133, 0.5588, 0.3490 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 28.4133, 0.5588, 0.3490 by changing the saturation by 10% instead.


 28.4133, 0.5588,
0.3490


 28.4133, 0.5588,
0.3490


294.4366, 0.4303,
0.3524

 18.6374, 0.5893,
0.3427


 57.1436, 0.5125,
0.3542


 11.4086, 0.6262,
0.3314


 76.8669, 0.4948,
0.3549


 6.3424, 0.6763,
0.3144


 100.6747, 0.4798,
0.3550

 3.0544, 0.7225,
0.2775

 128.9515, 0.4670,
0.3548

 1.1602, 0.7802,
0.2198

 162.0818, 0.4559,
0.3543

 0.0288, 0.9840,
0.0160

 200.4497, 0.4463,


 0.0000, 1.0000,


0.3537


0.0000


244.4399, 0.4378,
0.3531


 0.0000, 0.0000,
0.0000


 28.4133, 0.5588,
0.3490


 28.4133, 0.5588,
0.3490


 25.1549, 0.5967,
0.3456


 32.8959, 0.5149,
0.3498


 22.9970, 0.6231,
0.3399


 38.7093, 0.4709,
0.3485

 22.4116, 0.6302,
0.3378

 45.9487, 0.4306,
0.3457

 54.7001, 0.3957,
0.3422

 65.0430, 0.3665,
0.3384

 77.0511, 0.3424,
0.3346

 90.7936, 0.3228,
0.3310

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.



28.4133, 0.4981, 0.2751



28.4133, 0.5588, 0.3490



28.4133, 0.5296, 0.4313

Triad

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



28.4133, 0.5588, 0.3490



28.4133, 0.2263, 0.5121



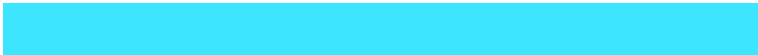
28.4133, 0.1621, 0.1536

Complementary

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



28.4133, 0.5588, 0.3490



64.2731, 0.2215, 0.2965

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.



28.4133, 0.1222, 0.1701



28.4133, 0.5588, 0.3490



28.4133, 0.1480, 0.3543

Square

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



28.4133, 0.5588, 0.3490



28.4133, 0.3348, 0.5745



28.4133, 0.1163, 0.2302



28.4133, 0.2437, 0.1684

Rectangle

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



28.4133, 0.5588, 0.3490



28.4133, 0.4762, 0.4910



28.4133, 0.1163, 0.2302



28.4133, 0.1447, 0.1553

Sweetspot

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



28.4133, 0.5588, 0.3490



68.5424, 0.3586, 0.3372



30.2662, 0.3472, 0.1841



13.7914, 0.3679, 0.3386



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.



28.4133, 0.5588, 0.3490



23.9609, 0.6115, 0.3430



55.8284, 0.4658, 0.4392



18.3789, 0.3291, 0.3322



11.8299, 0.6284, 0.3393



1.2669, 0.6108, 0.3532

Inverse Universe

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



64.2731, 0.2215, 0.2965



60.6810, 0.2148, 0.2894



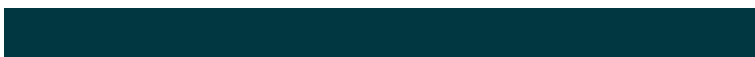
24.7581, 0.1872, 0.1641



20.0422, 0.2980, 0.3257



30.9186, 0.2128, 0.2860



3.1204, 0.2143, 0.2914

Previews

White Background



This preview shows how the Yxy color 28.4133, 0.5588, 0.3490 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 28.4133, 0.5588, 0.3490 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 28.4133, 0.5588, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 28.4133, 0.5588, 0.3490.



This preview shows how white text looks on a background with the Yxy color 28.4133, 0.5588, 0.3490.

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

28.4133, 0.5588, 0.3490

Protanopia

28.5959, 0.3949, 0.4312

Deuteranopia

28.3438, 0.4512, 0.4420



Tritanopia

28.4783, 0.5304, 0.3263

Trichromacy



Original Color

28.4133, 0.5588, 0.3490

Protanomaly

26.7372, 0.4600, 0.3967

Deuteranomaly

27.0060, 0.4979, 0.4010

Tritanomaly

28.4801, 0.5414, 0.3353

Monochromacy



Original Color

28.4133, 0.5588, 0.3490

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 28.4133, 0.5588, 0.3490 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 61) }
```

Border

The CSS property to change the border of an element to Yxy 28.4133, 0.5588, 0.3490 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, 61) }
```

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

```
.border{ border-color:rgb(255, 87, 61) }
```

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, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4133, 0.5588, 0.3490 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, 61) }
```

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

```
.background{ background-color: rgb(255, 87,  
61) }
```

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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