

Converting Colors

$Yxy(28.7864, 0.5534, 0.3481)$

Have a look what the booklet for
Yxy(28.7864, 0.5534, 0.3481)
contains.

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Color

Yxy(28.7864, 0.5534, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	FF5941
RGB	255, 89, 65
RGB Percent	100%, 35%, 25%
CMY	0.0000, 0.6509, 0.7451
CMYK	0.00, 0.65, 0.75, 0.00
HSL	8°, 100%, 63%
HSV	8°, 75%, 100%
XYZ	45.7638, 28.7864, 8.1455
YIQ	135.8980, 106.6400, 27.7280

Conversions

Conversions Part 2

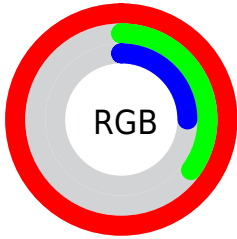
Format	Color
R_{YB}	255, 92, 65
Decimal	16734529
CIE _{Lab}	60.59, 61.75, 47.78
CIE _{LCh}	61, 78.079, 37.734
Yxy	28.7864, 0.5534, 0.3481
Android (android.graphics.Color)	4294924609 (0xFFFF5941)
YUV	135.8980, -34.9527, 104.4525
Hunter-Lab	53.6530, 58.3607, 28.5557

Details

The Yxy color **28.7864, 0.5534, 0.3481** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **65.4781, 0.2229, 0.2991**, and the grayscale version is **24.6871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0327, 0.4587, 0.3618**, and **11.5646, 0.6205, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **25.3921, 0.5927, 0.3452**, and if you desaturate by 10%, it is **33.4386, 0.5089, 0.3486**.

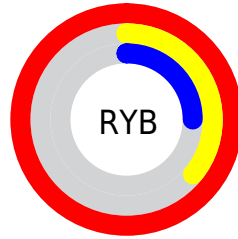
Distribution



Red (100%)

Green (35%)

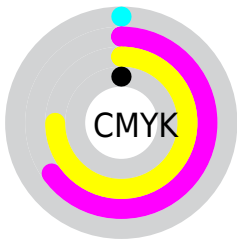
Blue (25%)



Red (100%)

Yellow (36%)

Blue (25%)

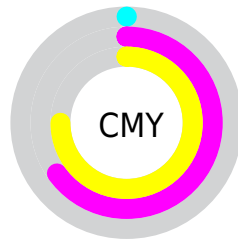


Cyan (0%)

Magenta (65%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7864, 0.5534, 0.3481 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 28.7864, 0.5534, 0.3481 by changing the saturation by 10% instead.


 28.7864, 0.5534,
0.3481

 28.7864, 0.5534,
0.3481


296.2058, 0.4274,
0.3511

 18.9193, 0.5836,
0.3422


 57.7375, 0.5078,
0.3529

 11.6120, 0.6204,
0.3317


 77.5904, 0.4905,
0.3535


 6.4800, 0.6685,
0.3147


 101.5406, 0.4758,
0.3536

 3.1391, 0.7192,
0.2808

 129.9725, 0.4633,
0.3534

 1.2048, 0.7759,
0.2241

 163.2706, 0.4525,
0.3529

 0.0656, 0.9648,
0.0352

 201.8193, 0.4430,


 0.0000, 1.0000,

0.3524


0.0000


246.0029, 0.4347,
0.3518

 0.0000, 0.0000,
0.0000


 28.7864, 0.5534,
0.3481


 28.7864, 0.5534,
0.3481


 25.3921, 0.5927,
0.3452


 33.4386, 0.5089,
0.3486


 23.1264, 0.6210,
0.3400


 39.4511, 0.4650,
0.3471

 22.3038, 0.6311,
0.3371

 46.9217, 0.4252,
0.3443

 55.9375, 0.3910,
0.3409

 66.5789, 0.3625,
0.3373

 78.9205, 0.3392,
0.3338

 93.0324, 0.3201,
0.3304

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



28.7864, 0.4915, 0.2750



28.7864, 0.5534, 0.3481



28.7864, 0.5276, 0.4291

Triad

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



28.7864, 0.5534, 0.3481



28.7864, 0.2309, 0.5097



28.7864, 0.1635, 0.1566

Complementary

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



28.7864, 0.5534, 0.3481



65.4781, 0.2229, 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.



28.7864, 0.1247, 0.1739



28.7864, 0.5534, 0.3481



28.7864, 0.1525, 0.3576

Square

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



28.7864, 0.5534, 0.3481



28.7864, 0.3381, 0.5685



28.7864, 0.1199, 0.2347



28.7864, 0.2430, 0.1704

Rectangle

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



28.7864, 0.5534, 0.3481



28.7864, 0.4763, 0.4873



28.7864, 0.1199, 0.2347



28.7864, 0.1465, 0.1585

Sweetspot

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



28.7881, 0.5534, 0.3481



69.5179, 0.3562, 0.3364



30.9120, 0.3429, 0.1833



14.2019, 0.3631, 0.3374



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.



28.7881, 0.5534, 0.3481



24.2450, 0.6071, 0.3431



55.1615, 0.4654, 0.4355



18.3570, 0.3291, 0.3321



11.7695, 0.6293, 0.3385



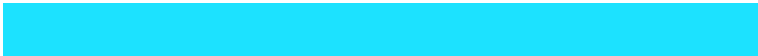
1.2566, 0.6123, 0.3520

Inverse Universe

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



65.4781, 0.2229, 0.2991



62.0276, 0.2161, 0.2926



26.4716, 0.1903, 0.1720



20.0664, 0.2980, 0.3259



31.4360, 0.2135, 0.2885



3.1657, 0.2149, 0.2935

Previews

White Background



This preview shows how the Yxy color 28.7864, 0.5534, 0.3481 looks on a white background.

Color Contrast Check

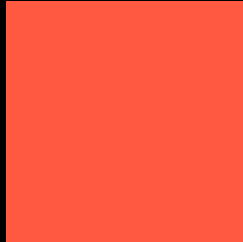
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7864, 0.5534, 0.3481 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 28.7864, 0.5534, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 28.7864, 0.5534, 0.3481.



This preview shows how white text looks on a background with the Yxy color 28.7864, 0.5534, 0.3481.

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

28.7864, 0.5534, 0.3481

Protanopia

29.0690, 0.3917, 0.4265

Deuteranopia

28.7989, 0.4477, 0.4382



Tritanopia

28.8317, 0.5266, 0.3262

Trichromacy



Original Color

28.7864, 0.5534, 0.3481

Protanomaly

27.0456, 0.4550, 0.3935

Deuteranomaly

27.5355, 0.4915, 0.3993

Tritanomaly

28.8486, 0.5365, 0.3346

Monochromacy



Original Color

28.7864, 0.5534, 0.3481

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9031, 0.4012, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7864, 0.5534, 0.3481 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, 89, 65)` looks like.

```
.text, #text, p{  
  color:rgb(255, 89, 65)  
}
```

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, 89, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 65) }
```

Border

The CSS property to change the border of an element to Yxy 28.7864, 0.5534, 0.3481 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, 89, 65) }
```

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

```
.border{ border-color:rgb(255, 89, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7864, 0.5534, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 65) }
```

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

```
.background{ background-color: rgb(255, 89,  
65) }
```

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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