

Converting Colors

$Yxy(28.8341, 0.5423, 0.3393)$

Have a look what the booklet for
Yxy(28.8341, 0.5423, 0.3393)
contains.

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Color

Yxy(28.7612, 0.5431, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FF584C
RGB	255, 88, 76
RGB Percent	100%, 35%, 30%
CMY	0.0000, 0.6549, 0.7018
CMYK	0.00, 0.65, 0.70, 0.00
HSL	4°, 100%, 65%
HSV	4°, 70%, 100%
XYZ	46.0366, 28.7612, 9.9685
YIQ	136.5650, 103.3840, 31.6720

Conversions

Conversions Part 2

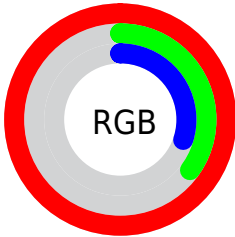
Format	Color
R_{YB}	255, 89, 76
Decimal	16734284
CIE _{Lab}	60.57, 62.62, 41.88
CIE _{LCh}	61, 75.335, 33.771
Yxy	28.7612, 0.5431, 0.3393
Android (android.graphics.Color)	4294924364 (0xFFFF584C)
YUV	136.5650, -29.8585, 103.8675
Hunter-Lab	53.6295, 59.3763, 26.5199

Details

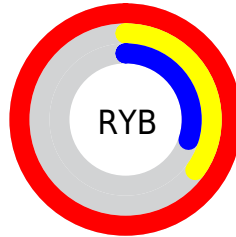
The Yxy color **28.7612, 0.5431, 0.3393** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **72.8782, 0.2290, 0.3143**, and the grayscale version is **24.9303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0172, 0.4472, 0.3489**, and **11.6358, 0.6114, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **25.1851, 0.5862, 0.3381**, and if you desaturate by 10%, it is **33.7535, 0.4963, 0.3392**.

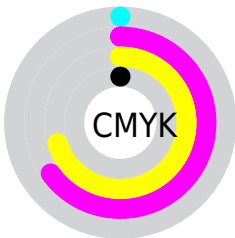
Distribution



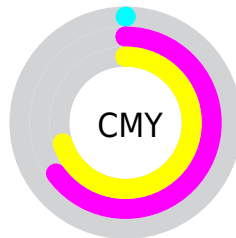
- Red (100%)
- Green (35%)
- Blue (30%)



- Red (100%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7612, 0.5431, 0.3393 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 28.7612, 0.5431, 0.3393 by changing the saturation by 10% instead.


 28.7612, 0.5431,
0.3393


 28.7612, 0.5431,
0.3393


296.0866, 0.4212,
0.3448


 18.9002, 0.5733,
0.3336


 57.6975, 0.4984,
0.3444

 11.5982, 0.6108,
0.3237

 77.5416, 0.4816,
0.3453


 6.4707, 0.6577,
0.3064


 101.4822, 0.4675,
0.3458

 3.1334, 0.7217,
0.2783

 129.9037, 0.4554,
0.3459

 1.2018, 0.7786,
0.2214

 163.1905, 0.4451,
0.3457

 0.0631, 0.9667,
0.0333


201.7270, 0.4360,


 0.0000, 1.0000,


0.3455


0.0000


245.8975, 0.4282,
0.3452


 0.0000, 0.0000,
0.0000


 28.7612, 0.5431,
0.3393


 28.7612, 0.5431,
0.3393

 25.1851, 0.5862,
0.3381


 33.7535, 0.4963,
0.3392


 22.8759, 0.6188,
0.3355

 40.2866, 0.4518,
0.3382

 21.6625, 0.6366,
0.3328

 48.4737, 0.4125,
0.3365

 58.4172, 0.3795,
0.3346

 70.2110, 0.3524,
0.3326

 83.9422, 0.3306,
0.3308

99.6927, 0.3130,
0.3290

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.



28.7612, 0.4716, 0.2681



28.7612, 0.5431, 0.3393



28.7612, 0.5295, 0.4176

Triad

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



28.7612, 0.5431, 0.3393



28.7612, 0.2472, 0.5172



28.7612, 0.1602, 0.1612

Complementary

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



28.7612, 0.5431, 0.3393



72.8782, 0.2290, 0.3143

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.



28.7612, 0.1267, 0.1834



28.7612, 0.5431, 0.3393



28.7612, 0.1649, 0.3768

Square

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



28.7612, 0.5431, 0.3393



28.7612, 0.3533, 0.5584



28.7612, 0.1266, 0.2504



28.7612, 0.2325, 0.1710

Rectangle

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



28.7612, 0.5431, 0.3393



28.7612, 0.4845, 0.4737



28.7612, 0.1266, 0.2504



28.7612, 0.1452, 0.1647

Sweetspot

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



28.7620, 0.5431, 0.3393



69.1758, 0.3544, 0.3328



32.9088, 0.3316, 0.1819



14.0780, 0.3615, 0.3333



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.



28.7620, 0.5431, 0.3393



24.1629, 0.6003, 0.3372



53.4038, 0.4637, 0.4244



18.1819, 0.3293, 0.3307



11.3913, 0.6354, 0.3337



1.1742, 0.6248, 0.3421

Inverse Universe

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



72.8782, 0.2290, 0.3143



70.4061, 0.2224, 0.3112



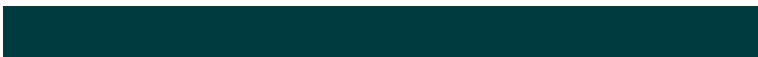
31.7326, 0.1992, 0.1944



20.2611, 0.2980, 0.3273



35.7970, 0.2189, 0.3079



3.5455, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 28.7612, 0.5431, 0.3393 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 28.7612, 0.5431, 0.3393 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 28.7612, 0.5431, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 28.7612, 0.5431, 0.3393.



This preview shows how white text looks on a background with the Yxy color 28.7612, 0.5431, 0.3393.

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

28.7612, 0.5431, 0.3393

Protanopia

28.7918, 0.3766, 0.4056

Deuteranopia

28.6823, 0.4362, 0.4274



Tritanopia

28.8317, 0.5266, 0.3262

Trichromacy



Original Color

28.7612, 0.5431, 0.3393

Protanomaly

26.8578, 0.4407, 0.3771

Deuteranomaly

27.2850, 0.4806, 0.3876

Tritanomaly

28.7483, 0.5326, 0.3305

Monochromacy



Original Color

28.7612, 0.5431, 0.3393

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1348, 0.3959, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7612, 0.5431, 0.3393 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, 88, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 76)  
}
```

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, 88, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 76) }
```

Border

The CSS property to change the border of an element to Yxy 28.7612, 0.5431, 0.3393 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, 88, 76) }
```

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

```
.border{ border-color:rgb(255, 88, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7612, 0.5431, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 76) }
```

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

```
.background{ background-color: rgb(255, 88,  
76) }
```

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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