

Converting Colors

$Yxy(30.1162, 0.5462, 0.3331)$

Have a look what the booklet for
Yxy(30.1162, 0.5462, 0.3331)
contains.

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Color

Yxy(28.3511, 0.5399, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	FF5551
RGB	255, 85, 81
RGB Percent	100%, 33%, 32%
CMY	0.0000, 0.6667, 0.6824
CMYK	0.00, 0.67, 0.68, 0.00
HSL	1°, 100%, 66%
HSV	1°, 68%, 100%
XYZ	45.9801, 28.3511, 10.8329
YIQ	135.3740, 102.6040, 34.7960

Conversions

Conversions Part 2

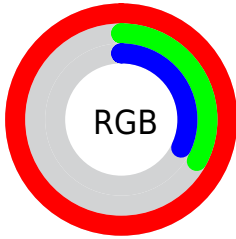
Format	Color
R_YB	255, 85, 81
Decimal	16733521
CIE Lab	60.20, 64.04, 38.71
CIE LCh	60, 74.831, 31.154
Yxy	28.3511, 0.5399, 0.3329
Android (android.graphics.Color)	4294923601 (0xFFFF5551)
YUV	135.3740, -26.8064, 104.9120
Hunter-Lab	53.2458, 60.9625, 25.2095

Details

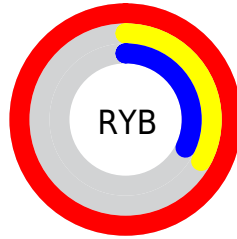
The Yxy color **28.3511, 0.5399, 0.3329** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **77.9726, 0.2325, 0.3240**, and the grayscale version is **24.4432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5436, 0.4431, 0.3418**, and **11.3991, 0.6081, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **24.7794, 0.5847, 0.3326**, and if you desaturate by 10%, it is **33.4411, 0.4919, 0.3328**.

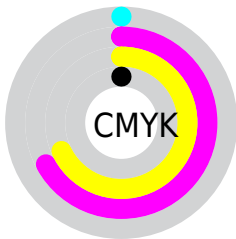
Distribution



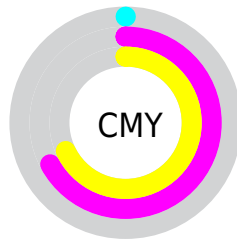
- Red (100%)
- Green (33%)
- Blue (32%)



- Red (100%)
- Yellow (33%)
- Blue (32%)



- Cyan (0%)
- Magenta (67%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3511, 0.5399, 0.3329 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 28.3511, 0.5399, 0.3329 by changing the saturation by 10% instead.


 28.3511, 0.5399,
0.3329

 28.3511, 0.5399,
0.3329


294.1408, 0.4189,
0.3409


 18.5905, 0.5704,
0.3269


 57.0445, 0.4952,
0.3387


 11.3748, 0.6085,
0.3168


 76.7461, 0.4786,
0.3399


 6.3195, 0.6565,
0.2993


 100.5301, 0.4645,
0.3407

 3.0403, 0.7273,
0.2727

 128.7810, 0.4526,
0.3410

 1.1528, 0.7853,
0.2147

 161.8831, 0.4424,
0.3412

 0.0227, 0.9877,
0.0123

200.2209, 0.4335,


 0.0000, 1.0000,


0.3412

0.0000


244.1786, 0.4258,
0.3411

 0.0000, 0.0000,
0.0000


 28.3511, 0.5399,
0.3329

 28.3511, 0.5399,
0.3329

 24.7794, 0.5847,
0.3326

 33.4411, 0.4919,
0.3328


 22.5647, 0.6187,
0.3318


 40.2023, 0.4467,
0.3323


 21.4921, 0.6369,
0.3308

 48.7598, 0.4074,
0.3316

 21.3868, 0.6390,
0.3309

 59.2292, 0.3747,
0.3309

 71.7162, 0.3482,
0.3302

 86.3190, 0.3270,
0.3295

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.



28.3511, 0.4616, 0.2624



28.3511, 0.5399, 0.3329



28.3511, 0.5334, 0.4104

Triad

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



28.3511, 0.5399, 0.3329



28.3511, 0.2562, 0.5255



28.3511, 0.1561, 0.1620

Complementary

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



28.3511, 0.5399, 0.3329



77.9726, 0.2325, 0.3240

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.



28.3511, 0.1256, 0.1874



28.3511, 0.5399, 0.3329



28.3511, 0.1707, 0.3899

Square

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



28.3511, 0.5399, 0.3329



28.3511, 0.3627, 0.5558



28.3511, 0.1285, 0.2592



28.3511, 0.2246, 0.1692

Rectangle

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



28.3511, 0.5399, 0.3329



28.3511, 0.4913, 0.4662



28.3511, 0.1285, 0.2592



28.3511, 0.1421, 0.1664

Sweetspot

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



28.3484, 0.5399, 0.3329



69.3628, 0.3525, 0.3303



34.1791, 0.3226, 0.1785



14.0726, 0.3596, 0.3305



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.



28.3484, 0.5399, 0.3329



23.7971, 0.5991, 0.3323



50.9417, 0.4663, 0.4148



18.0536, 0.3294, 0.3296



11.2039, 0.6385, 0.3312



1.1133, 0.6347, 0.3343

Inverse Universe

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



77.9726, 0.2325, 0.3240



76.3007, 0.2261, 0.3230



35.9152, 0.2047, 0.2106



20.4058, 0.2980, 0.3284



39.2579, 0.2227, 0.3218



3.8442, 0.2230, 0.3226

Previews

White Background



This preview shows how the Yxy color 28.3511, 0.5399, 0.3329 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 28.3511, 0.5399, 0.3329 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 28.3511, 0.5399, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 28.3511, 0.5399, 0.3329.



This preview shows how white text looks on a background with the Yxy color 28.3511, 0.5399, 0.3329.

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

28.3511, 0.5399, 0.3329

Protanopia

28.3982, 0.3688, 0.3955

Deuteranopia

28.2285, 0.4297, 0.4205



Tritanopia

28.3219, 0.5311, 0.3255

Trichromacy



Original Color

28.3511, 0.5399, 0.3329

Protanomaly

26.3296, 0.4341, 0.3670

Deuteranomaly

26.9670, 0.4755, 0.3817

Tritanomaly

28.2725, 0.5347, 0.3280

Monochromacy



Original Color

28.3511, 0.5399, 0.3329

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5441, 0.3957, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3511, 0.5399, 0.3329 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, 85, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 81)  
}
```

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, 85, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 81) }
```

Border

The CSS property to change the border of an element to Yxy 28.3511, 0.5399, 0.3329 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, 85, 81) }
```

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

```
.border{ border-color:rgb(255, 85, 81) }
```

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

Here you see how a box with a 4 pixel rgb(255, 85, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3511, 0.5399, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 81) }
```

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

```
.background{ background-color: rgb(255, 85,  
81) }
```

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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