

Converting Colors

$Yxy(28.2747, 0.5363, 0.3293)$

Have a look what the booklet for
Yxy(28.2747, 0.5363, 0.3293)
contains.

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Color

Yxy(28.2565, 0.5359, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	FF5455
RGB	255, 84, 85
RGB Percent	100%, 33%, 33%
CMY	0.0000, 0.6706, 0.6665
CMYK	0.00, 0.67, 0.67, 0.00
HSL	360°, 100%, 66%
HSV	360°, 67%, 100%
XYZ	46.0543, 28.2565, 11.6274
YIQ	135.2430, 101.5950, 36.5630

Conversions

Conversions Part 2

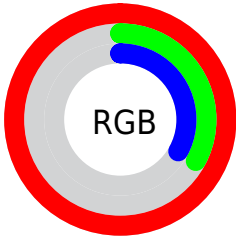
Format	Color
RYB	255, 84, 85
Decimal	16733269
CIELab	60.12, 64.62, 36.35
CIELCh	60, 74.140, 29.363
Yxy	28.2565, 0.5359, 0.3288
Android (android.graphics.Color)	4294923349 (0xFFFF5455)
YUV	135.2430, -24.7698, 105.0269
Hunter-Lab	53.1568, 61.6253, 24.2408

Details

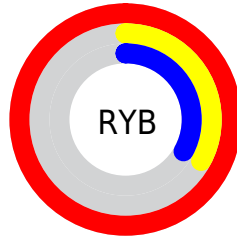
The Yxy color **28.2565, 0.5359, 0.3288** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **80.5578, 0.2347, 0.3300**, and the grayscale version is **24.3882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3553, 0.4394, 0.3366**, and **11.3381, 0.6039, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **24.6590, 0.5816, 0.3291**, and if you desaturate by 10%, it is **33.4368, 0.4875, 0.3287**.

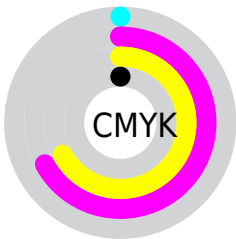
Distribution



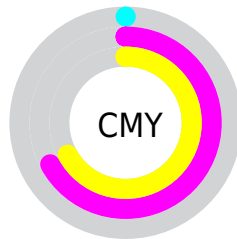
- Red (100%)
- Green (33%)
- Blue (33%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2565, 0.5359, 0.3288 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 28.2565, 0.5359, 0.3288 by changing the saturation by 10% instead.


 28.2565, 0.5359,
0.3288


 28.2565, 0.5359,
0.3288

293.6905, 0.4166,
0.3383


 18.5191, 0.5662,
0.3227


 56.8937, 0.4917,
0.3349


 11.3233, 0.6045,
0.3126


 76.5623, 0.4752,
0.3364

 6.2847, 0.6532,
0.2954


 100.3101, 0.4614,
0.3373

 3.0190, 0.7292,
0.2708

 128.5214, 0.4497,
0.3378

 1.1417, 0.7875,
0.2125

 161.5807, 0.4397,
0.3381

 0.0133, 0.9928,
0.0072

199.8725, 0.4310,


 0.0000, 1.0000,

0.3383


0.0000


243.7809, 0.4233,
0.3383


 0.0000, 0.0000,
0.0000


 28.2565, 0.5359,
0.3288


 28.2565, 0.5359,
0.3288


 24.6590, 0.5816,
0.3291


 33.4368, 0.4875,
0.3287


 22.4648, 0.6170,
0.3294


 40.3557, 0.4424,
0.3286

 21.4424, 0.6362,
0.3297

 49.1485, 0.4035,
0.3287

 21.2634, 0.6396,
0.3297

 59.9376, 0.3713,
0.3287

 72.8351, 0.3454,
0.3288

 87.9448, 0.3247,
0.3289

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.



28.2565, 0.4536, 0.2590



28.2565, 0.5359, 0.3288



28.2565, 0.5345, 0.4055

Triad

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



28.2565, 0.5359, 0.3288



28.2565, 0.2629, 0.5291



28.2565, 0.1542, 0.1635

Complementary

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



28.2565, 0.5359, 0.3288



80.5578, 0.2347, 0.3300

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.



28.2565, 0.1259, 0.1911



28.2565, 0.5359, 0.3288



28.2565, 0.1757, 0.3985

Square

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



28.2565, 0.5359, 0.3288



28.2565, 0.3691, 0.5523



28.2565, 0.1309, 0.2660



28.2565, 0.2200, 0.1689

Rectangle

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



28.2565, 0.5359, 0.3288



28.2565, 0.4951, 0.4608



28.2565, 0.1309, 0.2660



28.2565, 0.1410, 0.1686

Sweetspot

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



28.2560, 0.5359, 0.3288



68.8202, 0.3524, 0.3288



34.2830, 0.3171, 0.1770



13.9461, 0.3596, 0.3288



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.



28.2560, 0.5359, 0.3288



23.8777, 0.5934, 0.3291



49.4080, 0.4679, 0.4085



17.9889, 0.3294, 0.3289



11.1114, 0.6395, 0.3296



1.0825, 0.6380, 0.3288

Inverse Universe

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



28.2560, 0.5359, 0.3288



23.8777, 0.5934, 0.3291



38.7417, 0.2082, 0.2208



17.9889, 0.3294, 0.3289



11.1114, 0.6395, 0.3296



1.0825, 0.6380, 0.3288

Previews

White Background



This preview shows how the Yxy color 28.2565, 0.5359, 0.3288 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 28.2565, 0.5359, 0.3288 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 28.2565, 0.5359, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 28.2565, 0.5359, 0.3288.



This preview shows how white text looks on a background with the Yxy color 28.2565, 0.5359, 0.3288.

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

28.2565, 0.5359, 0.3288

Protanopia

28.4014, 0.3625, 0.3879

Deuteranopia

28.1637, 0.4249, 0.4162



Tritanopia

28.3052, 0.5323, 0.3263

Trichromacy



Original Color

28.2565, 0.5359, 0.3288

Protanomaly

26.2925, 0.4269, 0.3606

Deuteranomaly

26.6432, 0.4712, 0.3765

Tritanomaly

28.2888, 0.5335, 0.3272

Monochromacy



Original Color

28.2565, 0.5359, 0.3288

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3588, 0.3936, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2565, 0.5359, 0.3288 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, 84, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 85)  
}
```

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, 84, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 85) }
```

Border

The CSS property to change the border of an element to Yxy 28.2565, 0.5359, 0.3288 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, 84, 85) }
```

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

```
.border{ border-color:rgb(255, 84, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2565, 0.5359, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 85) }
```

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

```
.background{ background-color: rgb(255, 84,  
85) }
```

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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