

Converting Colors

$Yxy(28.5257, 0.5347, 0.3302)$

Have a look what the booklet for
Yxy(28.5257, 0.5347, 0.3302)
contains.

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Color

Yxy(28.5715, 0.5345, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	FF5655
RGB	255, 86, 85
RGB Percent	100%, 34%, 33%
CMY	0.0000, 0.6627, 0.6667
CMYK	0.00, 0.66, 0.67, 0.00
HSL	0°, 100%, 67%
HSV	0°, 67%, 100%
XYZ	46.2072, 28.5715, 11.6707
YIQ	136.4170, 101.0450, 35.5170

Conversions

Conversions Part 2

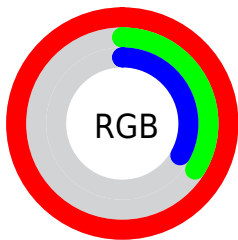
Format	Color
R_YB	255, 86, 85
Decimal	16733781
CIE Lab	60.40, 63.83, 36.72
CIE LCh	60, 73.644, 29.911
Yxy	28.5715, 0.5345, 0.3305
Android (android.graphics.Color)	4294923861 (0xFFFF5655)
YUV	136.4170, -25.3486, 103.9973
Hunter-Lab	53.4523, 60.7638, 24.4714

Details

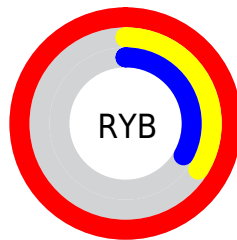
The Yxy color **28.5715, 0.5345, 0.3305** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **80.0173, 0.2343, 0.3276**, and the grayscale version is **24.8554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9558, 0.4383, 0.3387**, and **11.4858, 0.6032, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **24.8828, 0.5804, 0.3305**, and if you desaturate by 10%, it is **33.8436, 0.4862, 0.3304**.

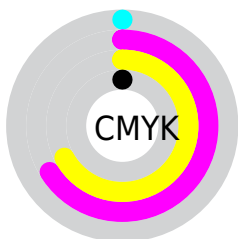
Distribution



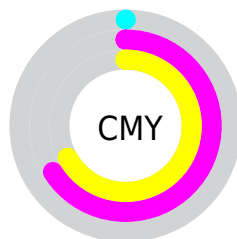
- Red (100%)
- Green (34%)
- Blue (33%)



- Red (100%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5715, 0.5345, 0.3305 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 28.5715, 0.5345, 0.3305 by changing the saturation by 10% instead.


 28.5715, 0.5345,
0.3305


 28.5715, 0.5345,
0.3305

295.1878, 0.4162,
0.3390


 18.7569, 0.5645,
0.3247


 57.3956, 0.4907,
0.3362

 11.4948, 0.6024,
0.3149


 77.1739, 0.4744,
0.3376

 6.4007, 0.6505,
0.2981


 101.0422, 0.4607,
0.3384

 3.0902, 0.7258,
0.2742

 129.3849, 0.4490,
0.3388

 1.1790, 0.7833,
0.2167

 162.5864, 0.4391,
0.3391

 0.0445, 0.9766,
0.0234

201.0311, 0.4304,


 0.0000, 1.0000,


0.3392

0.0000

245.1035, 0.4229,
0.3391

 0.0000, 0.0000,
0.0000

 28.5715, 0.5345,
0.3305


 28.5715, 0.5345,
0.3305

 24.8828, 0.5804,
0.3305


 33.8436, 0.4862,
0.3304


 22.5964, 0.6162,
0.3304

 40.8445, 0.4412,
0.3301

 21.4951, 0.6359,
0.3302

 49.7087, 0.4024,
0.3299

 21.2934, 0.6398,
0.3302

 60.5563, 0.3705,
0.3296

 73.4970, 0.3447,
0.3294

 88.6327, 0.3241,
0.3291

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.



28.5715, 0.4543, 0.2609



28.5715, 0.5345, 0.3305



28.5715, 0.5321, 0.4070

Triad

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



28.5715, 0.5345, 0.3305



28.5715, 0.2618, 0.5251



28.5715, 0.1563, 0.1646

Complementary

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



28.5715, 0.5345, 0.3305



80.0173, 0.2343, 0.3276

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.



28.5715, 0.1274, 0.1915



28.5715, 0.5345, 0.3305



28.5715, 0.1758, 0.3951

Square

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



28.5715, 0.5345, 0.3305



28.5715, 0.3672, 0.5507



28.5715, 0.1319, 0.2649



28.5715, 0.2224, 0.1704

Rectangle

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



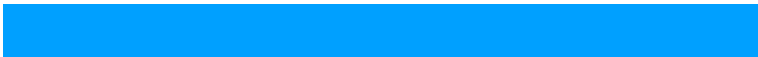
28.5715, 0.5345, 0.3305



28.5715, 0.4925, 0.4618



28.5715, 0.1319, 0.2649



28.5715, 0.1429, 0.1695

Sweetspot

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



28.5731, 0.5345, 0.3305



68.9519, 0.3526, 0.3294



34.9747, 0.3198, 0.1788



13.9768, 0.3598, 0.3295



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.



28.5731, 0.5345, 0.3305



23.9757, 0.5938, 0.3305



50.6624, 0.4645, 0.4110



18.0046, 0.3294, 0.3292



11.1339, 0.6397, 0.3303



1.0900, 0.6386, 0.3311

Inverse Universe

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



80.0173, 0.2343, 0.3276



78.6605, 0.2279, 0.3273



37.8974, 0.2078, 0.2177



20.4615, 0.2980, 0.3288



40.6408, 0.2242, 0.3269



3.9629, 0.2242, 0.3271

Previews

White Background



This preview shows how the Yxy color 28.5715, 0.5345, 0.3305 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 28.5715, 0.5345, 0.3305 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 28.5715, 0.5345, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 28.5715, 0.5345, 0.3305.



This preview shows how white text looks on a background with the Yxy color 28.5715, 0.5345, 0.3305.

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

28.5715, 0.5345, 0.3305

Protanopia

28.8086, 0.3632, 0.3891

Deuteranopia

28.5707, 0.4251, 0.4170



Tritanopia

28.4952, 0.5292, 0.3254

Trichromacy



Original Color

28.5715, 0.5345, 0.3305

Protanomaly

26.6729, 0.4273, 0.3618

Deuteranomaly

27.2629, 0.4703, 0.3787

Tritanomaly

28.4616, 0.5316, 0.3271

Monochromacy



Original Color

28.5715, 0.5345, 0.3305

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8249, 0.3925, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5715, 0.5345, 0.3305 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, 86, 85)` looks like.

```
.text, #text, p{  
  color:rgb(255, 86, 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, 86, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 85) }
```

Border

The CSS property to change the border of an element to Yxy 28.5715, 0.5345, 0.3305 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, 86, 85) }
```

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

```
.border{ border-color:rgb(255, 86, 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, 86, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5715, 0.5345, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 85) }
```

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

```
.background{ background-color: rgb(255, 86,  
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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