

Converting Colors

$Yxy(26.8399, 0.5600, 0.3349)$

Have a look what the booklet for
Yxy(26.8399, 0.5600, 0.3349)
contains.

Yxy(26.8586, 0.5598, 0.3349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8586, 0.5598, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C45
RGB	255, 76, 69
RGB Percent	100%, 30%, 27%
CMY	0.0000, 0.7018, 0.7295
CMYK	0.00, 0.70, 0.73, 0.00
HSL	2°, 100%, 64%
HSV	2°, 73%, 100%
XYZ	44.8953, 26.8586, 8.4449
YIQ	128.7230, 108.9310, 35.7710

Conversions

Conversions Part 2

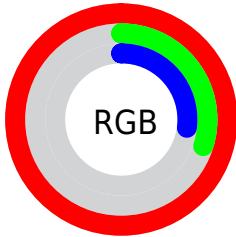
Format	Color
RYB	255, 76, 69
Decimal	16731205
CIELab	58.84, 66.80, 43.75
CIELCh	59, 79.847, 33.223
Yxy	26.8586, 0.5598, 0.3349
Android (android.graphics.Color)	4294921285 (0xFFFF4C45)
YUV	128.7230, -29.4434, 110.7449
Hunter-Lab	51.8253, 63.9371, 26.6164

Details

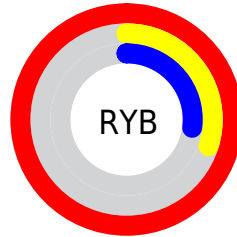
The Yxy color **26.8586, 0.5598, 0.3349** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.5822, 0.2291, 0.3203**, and the grayscale version is **21.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8960, 0.4620, 0.3466**, and **11.0131, 0.6244, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **23.8471, 0.6006, 0.3340**, and if you desaturate by 10%, it is **31.2971, 0.5127, 0.3351**.

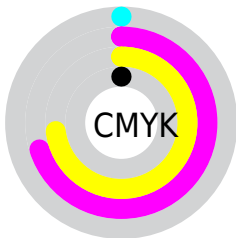
Distribution



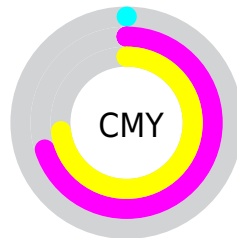
- Red (100%)
- Green (30%)
- Blue (27%)



- Red (100%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8586, 0.5598, 0.3349 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 26.8586, 0.5598, 0.3349 by changing the saturation by 10% instead.


 26.8586, 0.5598,
0.3349


 26.8586, 0.5598,
0.3349


286.9718, 0.4286,
0.3444


 17.4671, 0.5921,
0.3275


 54.6569, 0.5118,
0.3419


 10.5680, 0.6317,
0.3150


 73.8324, 0.4937,
0.3435

 5.7772, 0.6835,
0.2952

 97.0381, 0.4784,
0.3443

 2.7101, 0.7414,
0.2586

 124.6582, 0.4654,
0.3447

 0.9823, 0.8027,
0.1973

 157.0773, 0.4543,
0.3448

 0.0000, 1.0000,
0.0000


194.6796, 0.4445,

 0.0000, 0.0000,

0.3448


0.0000


237.8497, 0.4361,
0.3446


 26.8586, 0.5598,
0.3349


 26.8586, 0.5598,
0.3349


 23.8471, 0.6006,
0.3340


 31.2971, 0.5127,
0.3351


 22.0837, 0.6280,
0.3323


 37.3046, 0.4661,
0.3346


 21.4676, 0.6382,
0.3314

 45.0108, 0.4243,
0.3337

 54.5311, 0.3888,
0.3326

 65.9705, 0.3598,
0.3314

 79.4262, 0.3363,
0.3303

 94.9885, 0.3175,
0.3293

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



26.8586, 0.4823, 0.2616



26.8586, 0.5598, 0.3349



26.8586, 0.5432, 0.4162

Triad

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



26.8586, 0.5598, 0.3349



26.8586, 0.2419, 0.5383



26.8586, 0.1501, 0.1515

Complementary

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



26.8586, 0.5598, 0.3349



75.5822, 0.2291, 0.3203

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.



26.8586, 0.1161, 0.1742



26.8586, 0.5598, 0.3349



26.8586, 0.1553, 0.3828

Square

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



26.8586, 0.5598, 0.3349



26.8586, 0.3536, 0.5760



26.8586, 0.1159, 0.2446



26.8586, 0.2246, 0.1613

Rectangle

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



26.8586, 0.5598, 0.3349



26.8586, 0.4938, 0.4765



26.8586, 0.1159, 0.2446



26.8586, 0.1348, 0.1550

Sweetspot

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



26.8602, 0.5598, 0.3349



67.1641, 0.3573, 0.3313



32.3381, 0.3262, 0.1745



13.6590, 0.3644, 0.3316



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.



26.8602, 0.5598, 0.3349



22.8146, 0.6165, 0.3332



49.7610, 0.4760, 0.4204



18.0973, 0.3294, 0.3300



11.2661, 0.6374, 0.3321



1.1341, 0.6312, 0.3370

Inverse Universe

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



75.5822, 0.2291, 0.3203



73.7195, 0.2233, 0.3184



32.1885, 0.1977, 0.1967



20.3564, 0.2980, 0.3280



38.0550, 0.2214, 0.3171



3.7406, 0.2218, 0.3185

Previews

White Background



This preview shows how the Yxy color 26.8586, 0.5598, 0.3349 looks on a white background.

Color Contrast Check

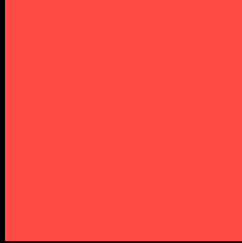
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8586, 0.5598, 0.3349 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 26.8586, 0.5598, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 26.8586, 0.5598, 0.3349.



This preview shows how white text looks on a background with the Yxy color 26.8586, 0.5598, 0.3349.

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

26.8586, 0.5598, 0.3349

Protanopia

26.9714, 0.3791, 0.4108

Deuteranopia

26.8635, 0.4412, 0.4337



Tritanopia

26.8422, 0.5505, 0.3274

Trichromacy



Original Color

26.8586, 0.5598, 0.3349

Protanomaly

24.6578, 0.4503, 0.3761

Deuteranomaly

25.3616, 0.4919, 0.3891

Tritanomaly

26.8002, 0.5539, 0.3297

Monochromacy



Original Color

26.8586, 0.5598, 0.3349

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3274, 0.4055, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8586, 0.5598, 0.3349 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, 76, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 69)  
}
```

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, 76, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.8586, 0.5598, 0.3349 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, 76, 69) }
```

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

```
.border{ border-color:rgb(255, 76, 69) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8586, 0.5598, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 69) }
```

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

```
.background{ background-color: rgb(255, 76,  
69) }
```

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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