

Converting Colors

Yxy(26.3436, 0.5788, 0.3445)

Have a look what the booklet for
Yxy(26.3436, 0.5788, 0.3445)
contains.

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Color

Yxy(26.3966, 0.5783, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A33
RGB	255, 74, 51
RGB Percent	100%, 29%, 20%
CMY	0.0000, 0.7097, 0.7999
CMYK	0.00, 0.71, 0.80, 0.00
HSL	7°, 100%, 60%
HSV	7°, 80%, 100%
XYZ	44.2853, 26.3966, 5.8965
YIQ	125.4970, 115.2590, 31.2190

Conversions

Conversions Part 2

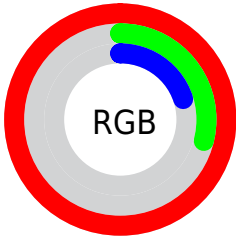
Format	Color
R_{YB}	255, 77, 51
Decimal	16730675
CIE Lab	58.41, 66.88, 52.63
CIE LCh	58, 85.107, 38.198
Yxy	26.3966, 0.5783, 0.3447
Android (android.graphics.Color)	4294920755 (0xFFFF4A33)
YUV	125.4970, -36.7270, 113.5741
Hunter-Lab	51.3776, 63.9486, 29.1597

Details

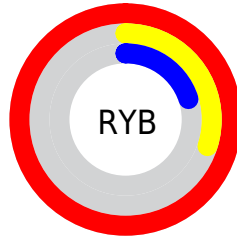
The Yxy color **26.3966, 0.5783, 0.3447** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **65.6412, 0.2208, 0.3002**, and the grayscale version is **20.7861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9552, 0.4821, 0.3616**, and **10.8232, 0.6390, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **23.7335, 0.6120, 0.3408**, and if you desaturate by 10%, it is **30.2719, 0.5356, 0.3464**.

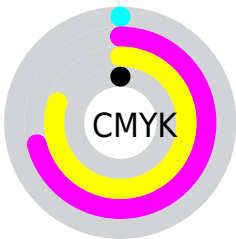
Distribution



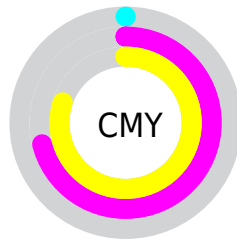
- Red (100%)
- Green (29%)
- Blue (20%)



- Red (100%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (71%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3966, 0.5783, 0.3447 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 26.3966, 0.5783, 0.3447 by changing the saturation by 10% instead.


 26.3966, 0.5783,
0.3447


 26.3966, 0.5783,
0.3447


284.7236, 0.4396,
0.3529


 17.1206, 0.6105,
0.3362


 53.9141, 0.5287,
0.3524

 10.3205, 0.6488,
0.3216


 72.9243, 0.5096,
0.3538

 5.6120, 0.7002,
0.2998

 95.9481, 0.4934,
0.3545

 2.6106, 0.7438,
0.2562

 123.3697, 0.4795,
0.3546

 0.9320, 0.8062,
0.1938

 155.5737, 0.4675,
0.3544

 0.0000, 1.0000,
0.0000

 192.9444, 0.4570,

 0.0000, 0.0000,

0.3540

0.0000

235.8663, 0.4478,
0.3535

■ 26.3966, 0.5783,
0.3447

■ 26.3966, 0.5783,
0.3447

■ 23.7335, 0.6120,
0.3408

■ 30.2719, 0.5356,
0.3464

■ 22.1262, 0.6326,
0.3359

■ 35.4767, 0.4903,
0.3460

■ 22.1247, 0.6326,
0.3359

■ 42.1199, 0.4474,
0.3442

■ 50.2975, 0.4097,
0.3414

■ 60.0974, 0.3778,
0.3382

71.6006, 0.3515,
0.3350

84.8829, 0.3301,
0.3319

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



26.3966, 0.5141, 0.2687



26.3966, 0.5783, 0.3447



26.3966, 0.5427, 0.4307

Triad

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



26.3966, 0.5783, 0.3447



26.3966, 0.2172, 0.5339



26.3966, 0.1515, 0.1426

Complementary

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



26.3966, 0.5783, 0.3447



65.6412, 0.2208, 0.3002

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.



26.3966, 0.1107, 0.1590



26.3966, 0.5783, 0.3447



26.3966, 0.1357, 0.3560

Square

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



26.3966, 0.5783, 0.3447



26.3966, 0.3315, 0.5972



26.3966, 0.1041, 0.2210



26.3966, 0.2367, 0.1579

Rectangle

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



26.3966, 0.5783, 0.3447



26.3966, 0.4833, 0.4960



26.3966, 0.1041, 0.2210



26.3966, 0.1337, 0.1442

Sweetspot

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



26.3982, 0.5783, 0.3447



66.7784, 0.3614, 0.3363



29.6042, 0.3415, 0.1763



13.4267, 0.3709, 0.3374



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.



26.3982, 0.5783, 0.3447



22.6551, 0.6258, 0.3377



51.5423, 0.4799, 0.4350



18.3165, 0.3292, 0.3317



11.6657, 0.6309, 0.3372



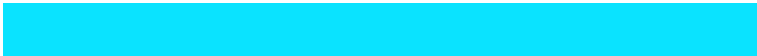
1.2376, 0.6151, 0.3498

Inverse Universe

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



65.6412, 0.2208, 0.3002



62.4489, 0.2154, 0.2939



24.5945, 0.1847, 0.1637



20.1111, 0.2980, 0.3262



32.4081, 0.2147, 0.2930



3.2508, 0.2160, 0.2975

Previews

White Background



This preview shows how the Yxy color 26.3966, 0.5783, 0.3447 looks on a white background.

Color Contrast Check

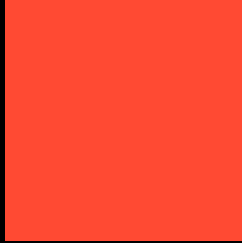
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3966, 0.5783, 0.3447 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 26.3966, 0.5783, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 26.3966, 0.5783, 0.3447.



This preview shows how white text looks on a background with the Yxy color 26.3966, 0.5783, 0.3447.

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

26.3966, 0.5783, 0.3447

Protanopia

26.5599, 0.4021, 0.4387

Deuteranopia

26.5187, 0.4588, 0.4513



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.3966, 0.5783, 0.3447

Protanomaly

24.2879, 0.4742, 0.3972

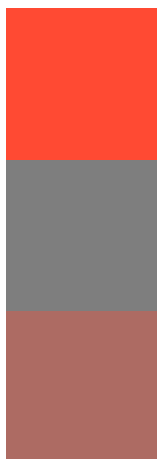
Deuteranomaly

24.7276, 0.5116, 0.4033

Tritanomaly

26.4184, 0.5652, 0.3347

Monochromacy



Original Color

26.3966, 0.5783, 0.3447

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3005, 0.4161, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3966, 0.5783, 0.3447 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, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 51)  
}
```

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, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 51) }
```

Border

The CSS property to change the border of an element to Yxy 26.3966, 0.5783, 0.3447 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, 74, 51) }
```

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

```
.border{ border-color:rgb(255, 74, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3966, 0.5783, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 51) }
```

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

```
.background{ background-color: rgb(255, 74,  
51) }
```

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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