

Converting Colors

$Yxy(25.5906, 0.5786, 0.3366)$

Have a look what the booklet for
Yxy(25.5906, 0.5786, 0.3366)
contains.

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Color

Yxy(25.5697, 0.5784, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	FF4339
RGB	255, 67, 57
RGB Percent	100%, 26%, 22%
CMY	0.0001, 0.7370, 0.7766
CMYK	0.00, 0.74, 0.78, 0.00
HSL	3°, 100%, 61%
HSV	3°, 78%, 100%
XYZ	43.9771, 25.5697, 6.4856
YIQ	122.0720, 115.2580, 36.7460

Conversions

Conversions Part 2

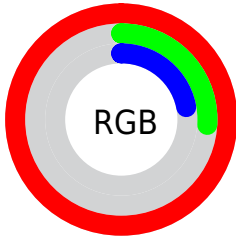
Format	Color
R_{YB}	255, 68, 57
Decimal	16728889
CIE _{Lab}	57.63, 69.37, 48.83
CIE _{LCh}	58, 84.833, 35.145
Yxy	25.5697, 0.5784, 0.3363
Android (android.graphics.Color)	4294918969 (0xFFFF4339)
YUV	122.0720, -32.0805, 116.5779
Hunter-Lab	50.5665, 66.7482, 27.7921

Details

The Yxy color **25.5697, 0.5784, 0.3363** 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 **73.3226, 0.2260, 0.3165**, and the grayscale version is **19.5738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7390, 0.4796, 0.3511**, and **10.8430, 0.6341, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **23.0737, 0.6139, 0.3346**, and if you desaturate by 10%, it is **29.3976, 0.5335, 0.3370**.

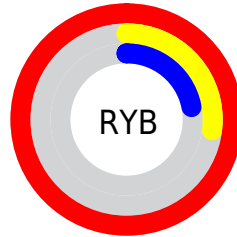
Distribution



Red (100%)

Green (26%)

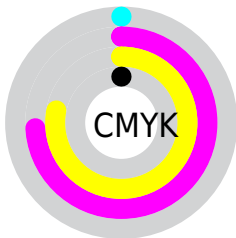
Blue (22%)



Red (100%)

Yellow (27%)

Blue (22%)

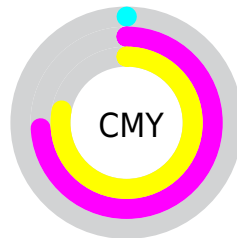


Cyan (0%)

Magenta (74%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5697, 0.5784, 0.3363 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 25.5697, 0.5784, 0.3363 by changing the saturation by 10% instead.


 25.5697, 0.5784,
0.3363


 25.5697, 0.5784,
0.3363


280.6633, 0.4380,
0.3478


 16.5020, 0.6119,
0.3273


 52.5799, 0.5276,
0.3449


 9.8801, 0.6521,
0.3122


 71.2913, 0.5083,
0.3468

 5.3195, 0.7091,
0.2909


 93.9860, 0.4919,
0.3478

 2.4359, 0.7544,
0.2456

 121.0484, 0.4779,
0.3483

 0.8443, 0.8188,
0.1812

 152.8629, 0.4659,
0.3485

 0.0000, 1.0000,
0.0000

 189.8140, 0.4554,

 0.0000, 0.0000,

0.3484

0.0000

232.2860, 0.4462,
0.3481

■ 25.5697, 0.5784,
0.3363

■ 25.5697, 0.5784,
0.3363

■ 23.0737, 0.6139,
0.3346

■ 29.3976, 0.5335,
0.3370

■ 21.7219, 0.6345,
0.3322


■ 34.7029, 0.4863,
0.3367


■ 21.5417, 0.6376,
0.3320

■ 41.6170, 0.4423,
0.3358

■ 50.2558, 0.4042,
0.3344

■ 60.7241, 0.3724,
0.3329

 73.1189, 0.3466,
0.3314

 87.5299, 0.3258,
0.3300

99.9942, 0.3127,
0.3290

Harmonies

Analogous

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



25.5697, 0.5033, 0.2608



25.5697, 0.5784, 0.3363



25.5697, 0.5509, 0.4211

Triad

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



25.5697, 0.5784, 0.3363



25.5697, 0.2272, 0.5501



25.5697, 0.1447, 0.1418

Complementary

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



25.5697, 0.5784, 0.3363



73.3226, 0.2260, 0.3165

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.



25.5697, 0.1076, 0.1619



25.5697, 0.5784, 0.3363



25.5697, 0.1405, 0.3742

Square

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



25.5697, 0.5784, 0.3363



25.5697, 0.3433, 0.5962



25.5697, 0.1044, 0.2302



25.5697, 0.2251, 0.1542

Rectangle

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



25.5697, 0.5784, 0.3363



25.5697, 0.4941, 0.4861



25.5697, 0.1044, 0.2302



25.5697, 0.1282, 0.1445

Sweetspot

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



25.5712, 0.5784, 0.3363



66.2637, 0.3597, 0.3322



30.7752, 0.3302, 0.1717



13.2574, 0.3695, 0.3328



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.



25.5712, 0.5784, 0.3363



22.2281, 0.6269, 0.3333



48.7759, 0.4845, 0.4252



18.1353, 0.3293, 0.3303



11.3203, 0.6366, 0.3328



1.1521, 0.6283, 0.3393

Inverse Universe

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



73.3226, 0.2260, 0.3165



71.4010, 0.2212, 0.3139



28.6680, 0.1909, 0.1823



20.3135, 0.2980, 0.3277



37.0277, 0.2203, 0.3130



3.6520, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 25.5697, 0.5784, 0.3363 looks on a white background.

Color Contrast Check

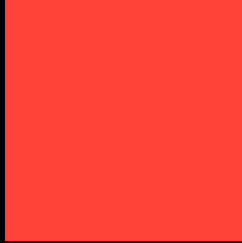
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5697, 0.5784, 0.3363 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 25.5697, 0.5784, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 25.5697, 0.5784, 0.3363.



This preview shows how white text looks on a background with the Yxy color 25.5697, 0.5784, 0.3363.

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

25.5697, 0.5784, 0.3363

Protanopia

25.6907, 0.3915, 0.4270

Deuteranopia

25.6756, 0.4532, 0.4451



Tritanopia

25.5738, 0.5680, 0.3284

Trichromacy



Original Color

25.5697, 0.5784, 0.3363

Protanomaly

23.0713, 0.4679, 0.3855

Deuteranomaly

23.6350, 0.5095, 0.3945

Tritanomaly

25.5266, 0.5722, 0.3311

Monochromacy



Original Color

25.5697, 0.5784, 0.3363

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.9306, 0.4170, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5697, 0.5784, 0.3363 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, 67, 57)` looks like.

```
.text, #text, p{  
  color:rgb(255, 67, 57)  
}
```

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, 67, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 57) }
```

Border

The CSS property to change the border of an element to Yxy 25.5697, 0.5784, 0.3363 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, 67, 57) }
```

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

```
.border{ border-color:rgb(255, 67, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5697, 0.5784, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 57) }
```

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

```
.background{ background-color: rgb(255, 67,  
57) }
```

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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