

Converting Colors

$Yxy(39.4575, 0.5809, 0.3490)$

Have a look what the booklet for
Yxy(39.4575, 0.5809, 0.3490)
contains.

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Color

Yxy(29.1998, 0.5587, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C38
RGB	255, 92, 56
RGB Percent	100%, 36%, 22%
CMY	0.0000, 0.6393, 0.7803
CMYK	0.00, 0.64, 0.78, 0.00
HSL	11°, 100%, 61%
HSV	11°, 78%, 100%
XYZ	45.7871, 29.1998, 6.9660
YIQ	136.6330, 108.7040, 23.3600

Conversions

Conversions Part 2

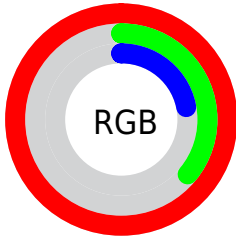
Format	Color
R_{YB}	255, 100, 56
Decimal	16735288
CIE Lab	60.96, 60.24, 52.70
CIE LCh	61, 80.038, 41.176
Yxy	29.1998, 0.5587, 0.3563
Android (android.graphics.Color)	4294925368 (0xFFFF5C38)
YUV	136.6330, -39.7521, 103.8079
Hunter-Lab	54.0368, 56.6840, 30.1826

Details

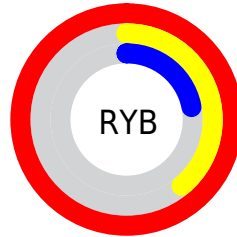
The Yxy color **29.1998, 0.5587, 0.3563** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **58.7391, 0.2171, 0.2833**, and the grayscale version is **24.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7955, 0.4642, 0.3724**, and **11.8368, 0.6232, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **25.8751, 0.5946, 0.3517**, and if you desaturate by 10%, it is **33.6446, 0.5169, 0.3576**.

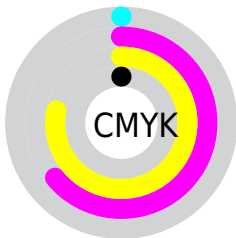
Distribution



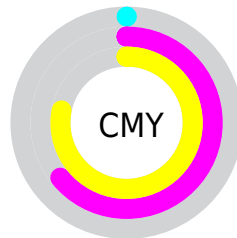
- Red (100%)
- Green (36%)
- Blue (22%)



- Red (100%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1998, 0.5587, 0.3563 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 29.1998, 0.5587, 0.3563 by changing the saturation by 10% instead.


 29.1998, 0.5587,
0.3563


 29.1998, 0.5587,
0.3563


298.1565, 0.4315,
0.3567


 19.2320, 0.5883,
0.3505


 58.3944, 0.5133,
0.3606

 11.8380, 0.6236,
0.3396


 78.3900, 0.4959,
0.3609


 6.6335, 0.6734,
0.3243


 102.4969, 0.4810,
0.3607

 3.2340, 0.7133,
0.2867

 131.0997, 0.4682,
0.3601

 1.2551, 0.7689,
0.2311

 164.5826, 0.4572,
0.3594

 0.1060, 0.9445,
0.0555

 203.3302, 0.4475,

 0.0000, 1.0000,

0.3585

0.0000

247.7267, 0.4390,
0.3576

■ 0.0000, 0.0000,
0.0000

■ 29.1998, 0.5587,
0.3563

■ 29.1998, 0.5587,
0.3563

■ 25.8751, 0.5946,
0.3517

■ 33.6446, 0.5169,
0.3576

■ 23.5698, 0.6197,
0.3444


■ 39.3076, 0.4744,
0.3559

■ 23.2216, 0.6237,
0.3430

■ 46.2688, 0.4349,
0.3524

■ 54.6026, 0.4002,
0.3477

■ 64.3779, 0.3708,
0.3426

 75.6590, 0.3464,
0.3375

 88.5063, 0.3263,
0.3327

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.



29.1998, 0.5068, 0.2819



29.1998, 0.5587, 0.3563



29.1998, 0.5229, 0.4393

Triad

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



29.1998, 0.5587, 0.3563



29.1998, 0.2177, 0.4986



29.1998, 0.1682, 0.1543

Complementary

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



29.1998, 0.5587, 0.3563



58.7391, 0.2171, 0.2833

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.



29.1998, 0.1249, 0.1676



29.1998, 0.5587, 0.3563



29.1998, 0.1438, 0.3402

Square

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



29.1998, 0.5587, 0.3563



29.1998, 0.3246, 0.5738



29.1998, 0.1160, 0.2227



29.1998, 0.2539, 0.1716

Rectangle

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



29.1998, 0.5587, 0.3563



29.1998, 0.4672, 0.4989



29.1998, 0.1160, 0.2227



29.1998, 0.1496, 0.1550

Sweetspot

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



29.1976, 0.5587, 0.3563



69.8641, 0.3580, 0.3401



29.3549, 0.3558, 0.1871



14.1026, 0.3671, 0.3419



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.



29.1976, 0.5587, 0.3563



24.3856, 0.6110, 0.3475



57.7997, 0.4635, 0.4459



18.5179, 0.3290, 0.3334



12.2859, 0.6213, 0.3448



1.3332, 0.6015, 0.3606

Inverse Universe

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



58.7391, 0.2171, 0.2833



54.2454, 0.2098, 0.2728



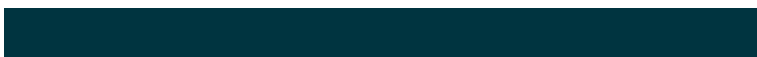
22.0647, 0.1825, 0.1509



19.8900, 0.2980, 0.3246



27.7773, 0.2083, 0.2700



2.8435, 0.2104, 0.2775

Previews

White Background



This preview shows how the Yxy color 29.1998, 0.5587, 0.3563 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 29.1998, 0.5587, 0.3563 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 29.1998, 0.5587, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 29.1998, 0.5587, 0.3563.



This preview shows how white text looks on a background with the Yxy color 29.1998, 0.5587, 0.3563.

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

29.1998, 0.5587, 0.3563

Protanopia

29.4342, 0.4028, 0.4413

Deuteranopia

29.2449, 0.4558, 0.4470



Tritanopia

29.2129, 0.5215, 0.3253

Trichromacy



Original Color

29.1998, 0.5587, 0.3563

Protanomaly

27.5675, 0.4638, 0.4063

Deuteranomaly

28.0810, 0.4978, 0.4088

Tritanomaly

29.1515, 0.5372, 0.3379

Monochromacy



Original Color

29.1998, 0.5587, 0.3563

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4608, 0.4038, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1998, 0.5587, 0.3563 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, 92, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 56)  
}
```

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, 92, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 56) }
```

Border

The CSS property to change the border of an element to Yxy 29.1998, 0.5587, 0.3563 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, 92, 56) }
```

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

```
.border{ border-color:rgb(255, 92, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1998, 0.5587, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 56) }
```

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

```
.background{ background-color: rgb(255, 92,  
56) }
```

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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