

Converting Colors

$Y_{xy}(43.0714, 0.5795, 0.3465)$

Have a look what the booklet for
Yxy(43.0714, 0.5795, 0.3465)
contains.

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Color

Yxy(29.8033, 0.5500, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	FF5F3F
RGB	255, 95, 63
RGB Percent	100%, 37%, 25%
CMY	0.0000, 0.6274, 0.7530
CMYK	0.00, 0.63, 0.75, 0.00
HSL	10°, 100%, 62%
HSV	10°, 75%, 100%
XYZ	46.2262, 29.8033, 8.0181
YIQ	139.1920, 105.6320, 23.9680

Conversions

Conversions Part 2

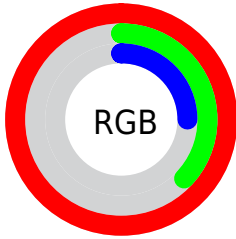
Format	Color
R_{YB}	255, 101, 63
Decimal	16736063
CIE Lab	61.48, 59.22, 49.76
CIE LCh	61, 77.354, 40.039
Yxy	29.8033, 0.5500, 0.3546
Android (android.graphics.Color)	4294926143 (0xFFFF5F3F)
YUV	139.1920, -37.5627, 101.5636
Hunter-Lab	54.5924, 55.6085, 29.5066

Details

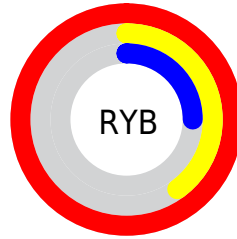
The Yxy color **29.8033, 0.5500, 0.3546** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **61.0308, 0.2198, 0.2887**, and the grayscale version is **26.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5855, 0.4562, 0.3679**, and **12.1257, 0.6140, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **26.2623, 0.5883, 0.3510**, and if you desaturate by 10%, it is **34.5231, 0.5070, 0.3551**.

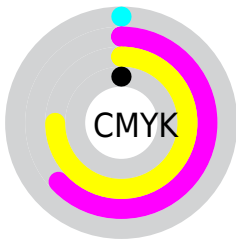
Distribution



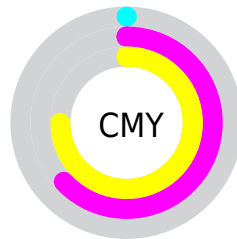
- Red (100%)
- Green (37%)
- Blue (25%)



- Red (100%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (75%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8033, 0.5500, 0.3546 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 29.8033, 0.5500, 0.3546 by changing the saturation by 10% instead.

 29.8033, 0.5500,
0.3546


 29.8033, 0.5500,
0.3546


300.9865, 0.4268,
0.3544

 19.6893, 0.5792,
0.3495


 59.3510, 0.5057,
0.3582

 12.1694, 0.6144,
0.3399


 79.5535, 0.4888,
0.3585


 6.8592, 0.6607,
0.3243


 103.8876, 0.4744,
0.3582

 3.3742, 0.7081,
0.2919

 132.7377, 0.4621,
0.3576

 1.3301, 0.7623,
0.2377

 166.4883, 0.4514,
0.3569

 0.1643, 0.9186,
0.0814

 205.5237, 0.4422,

 0.0000, 1.0000,

0.3561

0.0000

250.2283, 0.4340,
0.3553

■ 0.0000, 0.0000,
0.0000

■ 29.8033, 0.5500,
0.3546

■ 29.8033, 0.5500,
0.3546

■ 26.2623, 0.5883,
0.3510

■ 34.5231, 0.5070,
0.3551

■ 23.7880, 0.6164,
0.3446

■ 40.5100, 0.4645,
0.3531

■ 22.9518, 0.6258,
0.3413

■ 47.8495, 0.4257,
0.3495

■ 56.6181, 0.3921,
0.3450

■ 66.8865, 0.3639,
0.3403

 78.7207, 0.3406,
0.3356

 92.1827, 0.3214,
0.3312

99.9977, 0.3127,
0.3290

Harmonies

Analogous

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



29.8033, 0.4956, 0.2816



29.8033, 0.5500, 0.3546



29.8033, 0.5198, 0.4353

Triad

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



29.8033, 0.5500, 0.3546



29.8033, 0.2256, 0.4957



29.8033, 0.1703, 0.1591

Complementary

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



29.8033, 0.5500, 0.3546



61.0308, 0.2198, 0.2887

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.



29.8033, 0.1291, 0.1739



29.8033, 0.5500, 0.3546



29.8033, 0.1513, 0.3460

Square

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



29.8033, 0.5500, 0.3546



29.8033, 0.3303, 0.5638



29.8033, 0.1218, 0.2302



29.8033, 0.2523, 0.1750

Rectangle

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



29.8033, 0.5500, 0.3546



29.8033, 0.4677, 0.4923



29.8033, 0.1218, 0.2302



29.8033, 0.1524, 0.1603

Sweetspot

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



29.8050, 0.5500, 0.3546



69.4684, 0.3582, 0.3392



30.1395, 0.3540, 0.1894



14.0093, 0.3673, 0.3409



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.



29.8050, 0.5500, 0.3546



24.9747, 0.6030, 0.3483



58.8741, 0.4586, 0.4443



18.4765, 0.3290, 0.3330



12.1366, 0.6236, 0.3430



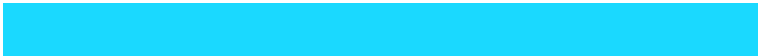
1.3127, 0.6043, 0.3584

Inverse Universe

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



61.0308, 0.2198, 0.2887



56.9131, 0.2124, 0.2798



23.4530, 0.1861, 0.1576



19.9352, 0.2980, 0.3249



28.6886, 0.2097, 0.2748



2.9241, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 29.8033, 0.5500, 0.3546 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 29.8033, 0.5500, 0.3546 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 29.8033, 0.5500, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 29.8033, 0.5500, 0.3546.



This preview shows how white text looks on a background with the Yxy color 29.8033, 0.5500, 0.3546.

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

29.8033, 0.5500, 0.3546

Protanopia

29.9666, 0.3964, 0.4318

Deuteranopia

29.7368, 0.4502, 0.4404



Tritanopia

29.7774, 0.5157, 0.3252

Trichromacy



Original Color

29.8033, 0.5500, 0.3546

Protanomaly

28.0652, 0.4563, 0.3988

Deuteranomaly

28.5497, 0.4916, 0.4035

Tritanomaly

29.7446, 0.5293, 0.3364

Monochromacy



Original Color

29.8033, 0.5500, 0.3546

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1374, 0.4001, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8033, 0.5500, 0.3546 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, 95, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 63)  
}
```

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, 95, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 63) }
```

Border

The CSS property to change the border of an element to Yxy 29.8033, 0.5500, 0.3546 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, 95, 63) }
```

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

```
.border{ border-color:rgb(255, 95, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8033, 0.5500, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 63) }
```

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

```
.background{ background-color: rgb(255, 95,  
63) }
```

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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