

Converting Colors

$Yxy(40.1934, 0.5707, 0.3423)$

Have a look what the booklet for
Yxy(40.1934, 0.5707, 0.3423)
contains.

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Color

Yxy(29.5436, 0.5442, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	FF5D47
RGB	255, 93, 71
RGB Percent	100%, 36%, 28%
CMY	0.0000, 0.6353, 0.7214
CMYK	0.00, 0.64, 0.72, 0.00
HSL	7°, 100%, 64%
HSV	7°, 72%, 100%
XYZ	46.2932, 29.5436, 9.2297
YIQ	138.9300, 103.6140, 27.5020

Conversions

Conversions Part 2

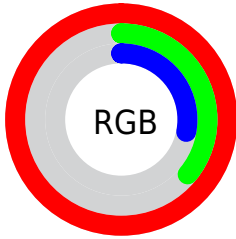
Format	Color
R_{YB}	255, 96, 71
Decimal	16735559
CIE _{Lab}	61.26, 60.39, 45.35
CIE _{LCh}	61, 75.517, 36.906
Yxy	29.5436, 0.5442, 0.3473
Android (android.graphics.Color)	4294925639 (0xFFFF5D47)
YUV	138.9300, -33.4895, 101.7934
Hunter-Lab	54.3540, 56.9085, 27.9799

Details

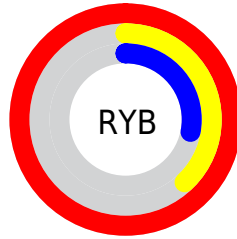
The Yxy color **29.5436, 0.5442, 0.3473** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **66.8564, 0.2248, 0.3018**, and the grayscale version is **25.8941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4532, 0.4491, 0.3591**, and **12.0751, 0.6098, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **25.9031, 0.5854, 0.3450**, and if you desaturate by 10%, it is **34.4811, 0.4992, 0.3473**.

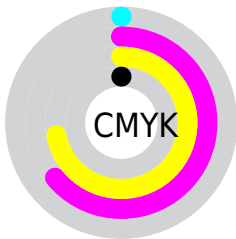
Distribution



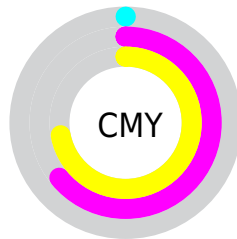
- Red (100%)
- Green (36%)
- Blue (28%)



- Red (100%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5436, 0.5442, 0.3473 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 29.5436, 0.5442, 0.3473 by changing the saturation by 10% instead.


 29.5436, 0.5442,
0.3473


 29.5436, 0.5442,
0.3473


299.7712, 0.4228,
0.3495


 19.4924, 0.5737,
0.3422


 58.9397, 0.5001,
0.3514


 12.0266, 0.6099,
0.3328


 79.0533, 0.4834,
0.3519

 6.7618, 0.6555,
0.3165


 103.2900, 0.4693,
0.3519

 3.3136, 0.7123,
0.2877

 132.0339, 0.4572,
0.3516

 1.2976, 0.7673,
0.2327

 165.6697, 0.4468,
0.3512

 0.1393, 0.9304,
0.0696

204.5815, 0.4378,


 0.0000, 1.0000,


0.3507


0.0000


249.1539, 0.4298,
0.3501

 0.0000, 0.0000,
0.0000


 29.5436, 0.5442,
0.3473


 29.5436, 0.5442,
0.3473


 25.9031, 0.5854,
0.3450


 34.4811, 0.4992,
0.3473


 23.4324, 0.6166,
0.3405

 40.8185, 0.4558,
0.3456


 22.2116, 0.6319,
0.3365

 48.6534, 0.4170,
0.3428

 58.0731, 0.3840,
0.3395

 69.1583, 0.3567,
0.3361

 81.9843, 0.3343,
0.3328

 96.6216, 0.3161,
0.3296

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.



29.5436, 0.4816, 0.2756



29.5436, 0.5442, 0.3473



29.5436, 0.5230, 0.4261

Triad

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



29.5436, 0.5442, 0.3473



29.5436, 0.2376, 0.5043



29.5436, 0.1666, 0.1616

Complementary

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



29.5436, 0.5442, 0.3473



66.8564, 0.2248, 0.3018

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.



29.5436, 0.1294, 0.1801



29.5436, 0.5442, 0.3473



29.5436, 0.1597, 0.3611

Square

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



29.5436, 0.5442, 0.3473



29.5436, 0.3422, 0.5585



29.5436, 0.1258, 0.2413



29.5436, 0.2430, 0.1743

Rectangle

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



29.5436, 0.5442, 0.3473



29.5436, 0.4751, 0.4820



29.5436, 0.1258, 0.2413



29.5436, 0.1502, 0.1640

Sweetspot

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



29.5450, 0.5442, 0.3473



69.3289, 0.3563, 0.3360



31.6851, 0.3418, 0.1858



14.1582, 0.3632, 0.3369



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.



29.5450, 0.5442, 0.3473



24.5651, 0.6022, 0.3431



56.1964, 0.4604, 0.4340



18.3363, 0.3291, 0.3319



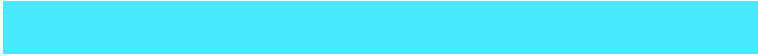
11.7152, 0.6302, 0.3378



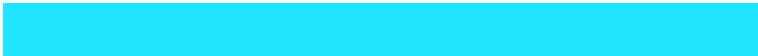
1.2469, 0.6137, 0.3509

Inverse Universe

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



66.8564, 0.2248, 0.3018



63.3118, 0.2173, 0.2955



27.7750, 0.1935, 0.1776



20.0892, 0.2980, 0.3261



31.9298, 0.2141, 0.2908



3.2090, 0.2154, 0.2956

Previews

White Background



This preview shows how the Yxy color 29.5436, 0.5442, 0.3473 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 29.5436, 0.5442, 0.3473 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 29.5436, 0.5442, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 29.5436, 0.5442, 0.3473.



This preview shows how white text looks on a background with the Yxy color 29.5436, 0.5442, 0.3473.

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

29.5436, 0.5442, 0.3473

Protanopia

29.5825, 0.3866, 0.4190

Deuteranopia

29.5770, 0.4415, 0.4334



Tritanopia

29.5867, 0.5176, 0.3252

Trichromacy



Original Color

29.5436, 0.5442, 0.3473

Protanomaly

27.7833, 0.4480, 0.3889

Deuteranomaly

28.4986, 0.4831, 0.3963

Tritanomaly

29.6024, 0.5278, 0.3339

Monochromacy



Original Color

29.5436, 0.5442, 0.3473

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9577, 0.3968, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5436, 0.5442, 0.3473 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, 93, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 71)  
}
```

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, 93, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 71) }
```

Border

The CSS property to change the border of an element to Yxy 29.5436, 0.5442, 0.3473 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, 93, 71) }
```

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

```
.border{ border-color:rgb(255, 93, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5436, 0.5442, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 71) }
```

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

```
.background{ background-color: rgb(255, 93,  
71) }
```

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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