

Converting Colors

$Y_{xy}(29.2106, 0.5369, 0.3382)$

Have a look what the booklet for
Yxy(29.2106, 0.5369, 0.3382)
contains.

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Color

Yxy(29.1515, 0.5372, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A50
RGB	255, 90, 80
RGB Percent	100%, 35%, 31%
CMY	0.0000, 0.6470, 0.6862
CMYK	0.00, 0.65, 0.69, 0.00
HSL	3°, 100%, 66%
HSV	3°, 69%, 100%
XYZ	46.3456, 29.1515, 10.7754
YIQ	138.1950, 101.5500, 31.8700

Conversions

Conversions Part 2

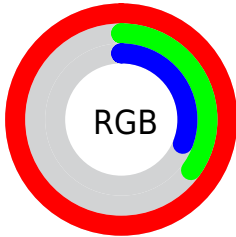
Format	Color
R_{YB}	255, 91, 80
Decimal	16734800
CIE _{Lab}	60.92, 62.01, 40.10
CIE _{LCh}	61, 73.850, 32.890
Yxy	29.1515, 0.5372, 0.3379
Android (android.graphics.Color)	4294924880 (0xFFFF5A50)
YUV	138.1950, -28.6901, 102.4380
Hunter-Lab	53.9921, 58.7341, 25.9617

Details

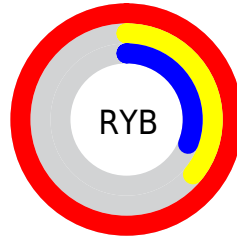
The Yxy color **29.1515, 0.5372, 0.3379** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **74.2344, 0.2305, 0.3168**, and the grayscale version is **25.5776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7391, 0.4418, 0.3469**, and **11.8047, 0.6047, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **25.4231, 0.5815, 0.3370**, and if you desaturate by 10%, it is **34.3360, 0.4902, 0.3377**.

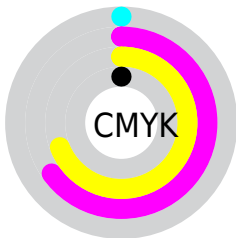
Distribution



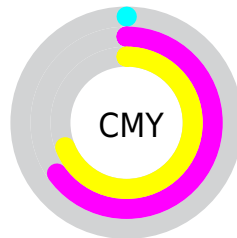
- Red (100%)
- Green (35%)
- Blue (31%)



- Red (100%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1515, 0.5372, 0.3379 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 29.1515, 0.5372, 0.3379 by changing the saturation by 10% instead.


 29.1515, 0.5372,
0.3379


 29.1515, 0.5372,
0.3379


297.9291, 0.4183,
0.3434

 19.1955, 0.5669,
0.3325


 58.3177, 0.4934,
0.3427


 11.8116, 0.6040,
0.3232


 78.2967, 0.4771,
0.3437


 6.6155, 0.6505,
0.3068


 102.3854, 0.4633,
0.3441

 3.2228, 0.7184,
0.2816

 130.9682, 0.4516,
0.3442

 1.2491, 0.7745,
0.2255

 164.4296, 0.4415,
0.3442

 0.1013, 0.9485,
0.0515

203.1540, 0.4327,


 0.0000, 1.0000,


0.3440


0.0000


247.5257, 0.4250,
0.3437


 0.0000, 0.0000,
0.0000


 29.1515, 0.5372,
0.3379


 29.1515, 0.5372,
0.3379


 25.4231, 0.5815,
0.3370


 34.3360, 0.4902,
0.3377


 22.9988, 0.6159,
0.3350

 41.1024, 0.4459,
0.3367


 21.6962, 0.6354,
0.3324

 49.5661, 0.4073,
0.3352

 21.5894, 0.6372,
0.3323

 59.8313, 0.3751,
0.3336

 71.9934, 0.3488,
0.3319

 86.1414, 0.3276,
0.3303

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.



29.1515, 0.4648, 0.2677



29.1515, 0.5372, 0.3379



29.1515, 0.5271, 0.4149

Triad

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



29.1515, 0.5372, 0.3379



29.1515, 0.2522, 0.5149



29.1515, 0.1615, 0.1643

Complementary

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



29.1515, 0.5372, 0.3379



74.2344, 0.2305, 0.3168

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.



29.1515, 0.1293, 0.1875



29.1515, 0.5372, 0.3379



29.1515, 0.1699, 0.3802

Square

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



29.1515, 0.5372, 0.3379



29.1515, 0.3567, 0.5525



29.1515, 0.1304, 0.2554



29.1515, 0.2316, 0.1730

Rectangle

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



29.1515, 0.5372, 0.3379



29.1515, 0.4844, 0.4698



29.1515, 0.1304, 0.2554



29.1515, 0.1469, 0.1681

Sweetspot

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



29.1525, 0.5372, 0.3379



68.9260, 0.3546, 0.3323



33.6681, 0.3283, 0.1819



14.0201, 0.3616, 0.3327



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.



29.1525, 0.5372, 0.3379



24.4667, 0.5945, 0.3364



52.9901, 0.4624, 0.4205



18.1534, 0.3293, 0.3304



11.3464, 0.6361, 0.3331



1.1607, 0.6269, 0.3404

Inverse Universe

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



74.2344, 0.2305, 0.3168



71.9344, 0.2238, 0.3142



33.6384, 0.2023, 0.2018



20.2932, 0.2980, 0.3276



36.5475, 0.2197, 0.3111



3.6105, 0.2203, 0.3132

Previews

White Background



This preview shows how the Yxy color 29.1515, 0.5372, 0.3379 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 29.1515, 0.5372, 0.3379 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 29.1515, 0.5372, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 29.1515, 0.5372, 0.3379.



This preview shows how white text looks on a background with the Yxy color 29.1515, 0.5372, 0.3379.

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

29.1515, 0.5372, 0.3379

Protanopia

29.1780, 0.3721, 0.4009

Deuteranopia

29.1562, 0.4321, 0.4227



Tritanopia

29.2129, 0.5215, 0.3253

Trichromacy



Original Color

29.1515, 0.5372, 0.3379

Protanomaly

27.1814, 0.4352, 0.3734

Deuteranomaly

27.9688, 0.4756, 0.3857

Tritanomaly

29.1260, 0.5276, 0.3296

Monochromacy



Original Color

29.1515, 0.5372, 0.3379

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7829, 0.3935, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1515, 0.5372, 0.3379 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, 90, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 80)  
}
```

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, 90, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 80) }
```

Border

The CSS property to change the border of an element to Yxy 29.1515, 0.5372, 0.3379 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, 90, 80) }
```

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

```
.border{ border-color:rgb(255, 90, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1515, 0.5372, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 80) }
```

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

```
.background{ background-color: rgb(255, 90,  
80) }
```

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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