

Converting Colors

$Yxy(28.8704, 0.5379, 0.3430)$

Have a look what the booklet for
Yxy(28.8704, 0.5379, 0.3430)
contains.

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Color

Yxy(28.8715, 0.5379, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FC5C4C
RGB	252, 92, 76
RGB Percent	99%, 36%, 30%
CMY	0.0118, 0.6392, 0.7019
CMYK	0.00, 0.63, 0.70, 0.01
HSL	5°, 97%, 64%
HSV	5°, 70%, 99%
XYZ	45.2769, 28.8715, 10.0251
YIQ	138.0160, 100.4960, 28.9440

Conversions

Conversions Part 2

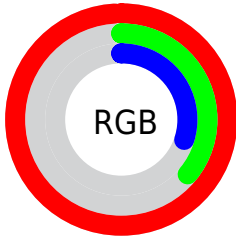
Format	Color
R_{YB}	252, 94, 76
Decimal	16538700
CIE _{Lab}	60.67, 60.03, 41.88
CIE _{LCh}	61, 73.193, 34.899
Yxy	28.8715, 0.5379, 0.3430
Android (android.graphics.Color)	4294728780 (0xFFFC5C4C)
YUV	138.0160, -30.5739, 99.9640
Hunter-Lab	53.7322, 56.3799, 26.5505

Details

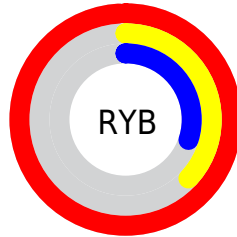
The Yxy color **28.8715, 0.5379, 0.3430** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **68.5554, 0.2279, 0.3091**, and the grayscale version is **25.5140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2613, 0.4448, 0.3531**, and **11.6638, 0.6044, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **25.2013, 0.5810, 0.3415**, and if you desaturate by 10%, it is **33.8818, 0.4919, 0.3428**.

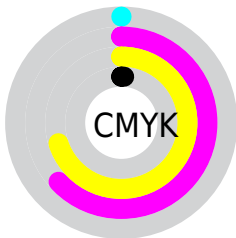
Distribution



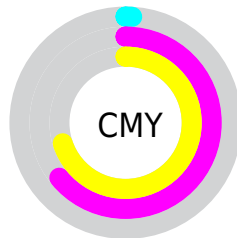
- Red (99%)
- Green (36%)
- Blue (30%)



- Red (99%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (63%)
- Yellow (70%)
- Black (1%)





- Cyan (1%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8715, 0.5379, 0.3430 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 28.8715, 0.5379, 0.3430 by changing the saturation by 10% instead.


 28.8715, 0.5379,
0.3430


 28.8715, 0.5379,
0.3430


296.6082, 0.4187,
0.3463

 18.9836, 0.5675,
0.3380


 57.8729, 0.4941,
0.3472


 11.6585, 0.6043,
0.3289


 77.7551, 0.4777,
0.3478

 6.5116, 0.6505,
0.3126


 101.7377, 0.4639,
0.3480

 3.1586, 0.7140,
0.2860

 130.2049, 0.4521,
0.3479

 1.2151, 0.7703,
0.2297

 163.5412, 0.4420,
0.3476

 0.0740, 0.9593,
0.0407

202.1309, 0.4332,


 0.0000, 1.0000,


0.3472

0.0000

246.3584, 0.4255,
0.3467


 0.0000, 0.0000,
0.0000


 28.8715, 0.5379,
0.3430

 28.8715, 0.5379,
0.3430


 25.2013, 0.5810,
0.3415


 33.8818, 0.4919,
0.3428


 22.7372, 0.6146,
0.3383


 40.3395, 0.4484,
0.3413

 21.3204, 0.6344,
0.3343

 48.3469, 0.4101,
0.3390


 21.3048, 0.6347,
0.3343

 57.9954, 0.3778,
0.3364

 69.3693, 0.3513,
0.3338

 82.5474, 0.3299,
0.3313

 97.6033, 0.3125,
0.3290

 99.4355, 0.3109,
0.3290

Harmonies

Analogous

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



28.8715, 0.4710, 0.2725



28.8715, 0.5379, 0.3430



28.8715, 0.5230, 0.4203

Triad

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



28.8715, 0.5379, 0.3430



28.8715, 0.2461, 0.5068



28.8715, 0.1655, 0.1647

Complementary

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



28.8715, 0.5379, 0.3430



68.5554, 0.2279, 0.3091

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.



28.8715, 0.1311, 0.1855



28.8715, 0.5379, 0.3430



28.8715, 0.1666, 0.3703

Square

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



28.8715, 0.5379, 0.3430



28.8715, 0.3497, 0.5525



28.8715, 0.1300, 0.2496



28.8715, 0.2382, 0.1752

Rectangle

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



28.8715, 0.5379, 0.3430



28.8715, 0.4785, 0.4748



28.8715, 0.1300, 0.2496



28.8715, 0.1502, 0.1677

Sweetspot

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



28.8732, 0.5379, 0.3430



69.7945, 0.3542, 0.3341



31.9993, 0.3346, 0.1844



14.2217, 0.3611, 0.3348



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.



28.8732, 0.5379, 0.3430



24.6793, 0.5967, 0.3404



53.3254, 0.4603, 0.4268



17.4788, 0.3292, 0.3312



11.1863, 0.6332, 0.3354



1.1192, 0.6189, 0.3468

Inverse Universe

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



68.5554, 0.2279, 0.3091



67.4051, 0.2206, 0.3046



30.1670, 0.1987, 0.1912



19.3228, 0.2980, 0.3268



32.9927, 0.2167, 0.3002



3.1322, 0.2178, 0.3039

Previews

White Background



This preview shows how the Yxy color 28.8715, 0.5379, 0.3430 looks on a white background.

Color Contrast Check

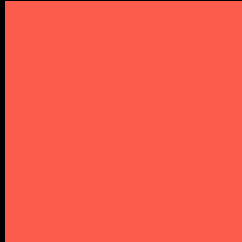
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8715, 0.5379, 0.3430 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 28.8715, 0.5379, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 28.8715, 0.5379, 0.3430.



This preview shows how white text looks on a background with the Yxy color 28.8715, 0.5379, 0.3430.

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

28.8715, 0.5379, 0.3430

Protanopia

29.0646, 0.3780, 0.4100

Deuteranopia

28.9852, 0.4344, 0.4276



Tritanopia

28.8536, 0.5187, 0.3243

Trichromacy



Original Color

28.8715, 0.5379, 0.3430

Protanomaly

27.2208, 0.4390, 0.3813

Deuteranomaly

27.8735, 0.4765, 0.3916

Tritanomaly

28.8996, 0.5266, 0.3314

Monochromacy



Original Color

28.8715, 0.5379, 0.3430

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4963, 0.3936, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8715, 0.5379, 0.3430 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(252, 92, 76)` looks like.

```
.text, #text, p{  
    color:rgb(252, 92, 76)  
}
```

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(252, 92, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 92, 76) }
```

Border

The CSS property to change the border of an element to Yxy 28.8715, 0.5379, 0.3430 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(252, 92, 76) }
```

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

```
.border{ border-color:rgb(252, 92, 76) }
```

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

Here you see how a box with a 4 pixel rgb(252, 92, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 92, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 92, 76);  
box-shadow:4px 4px 4px 4px rgb(252, 92,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8715, 0.5379, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 92, 76) }
```

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

```
.background{ background-color: rgb(252, 92,  
76) }
```

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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