

Converting Colors

$Y_{xy}(30.9552, 0.5622, 0.3501)$

Have a look what the booklet for
Yxy(30.9552, 0.5622, 0.3501)
contains.

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Color

$\text{Yxy}(28.9093, 0.5562, 0.3516)$

Conversions

Conversions Part 1

Format	Color
Hex	FF5A3D
RGB	255, 90, 61
RGB Percent	100%, 35%, 24%
CMY	0.0001, 0.6469, 0.7609
CMYK	0.00, 0.65, 0.76, 0.00
HSL	9°, 100%, 62%
HSV	9°, 76%, 100%
XYZ	45.7319, 28.9093, 7.5809
YIQ	136.0290, 107.6490, 25.9610

Conversions

Conversions Part 2

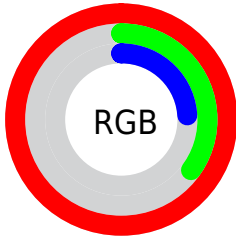
Format	Color
R_{YB}	255, 95, 61
Decimal	16734781
CIE _{Lab}	60.70, 61.19, 49.97
CIE _{LCh}	61, 78.998, 39.234
Yxy	28.9093, 0.5562, 0.3516
Android (android.graphics.Color)	4294924861 (0xFFFF5A3D)
YUV	136.0290, -36.9893, 104.3376
Hunter-Lab	53.7674, 57.7306, 29.2776

Details

The Yxy color **28.9093, 0.5562, 0.3516** 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 **62.5562, 0.2204, 0.2925**, and the grayscale version is **24.7473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2532, 0.4619, 0.3666**, and **11.6295, 0.6226, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **25.5577, 0.5940, 0.3480**, and if you desaturate by 10%, it is **33.4609, 0.5128, 0.3524**.

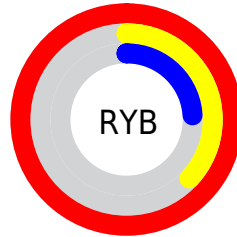
Distribution



Red (100%)

Green (35%)

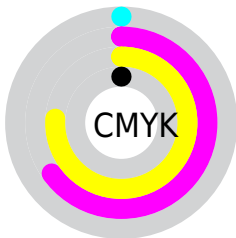
Blue (24%)



Red (100%)

Yellow (37%)

Blue (24%)

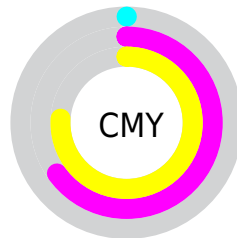


Cyan (0%)

Magenta (65%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9093, 0.5562, 0.3516 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 28.9093, 0.5562, 0.3516 by changing the saturation by 10% instead.


 28.9093, 0.5562,
0.3516


 28.9093, 0.5562,
0.3516


296.7868, 0.4294,
0.3535

 19.0122, 0.5862,
0.3457


 57.9329, 0.5106,
0.3562

 11.6791, 0.6224,
0.3350


 77.8283, 0.4932,
0.3567

 6.5256, 0.6713,
0.3186

 101.8252, 0.4784,
0.3567

 3.1672, 0.7171,
0.2829

 130.3081, 0.4657,
0.3563

 1.2196, 0.7735,
0.2265

 163.6612, 0.4548,
0.3557

 0.0777, 0.9586,
0.0414

 202.2692, 0.4452,

 0.0000, 1.0000,

0.3550

0.0000

246.5162, 0.4368,
0.3543

■ 0.0000, 0.0000,
0.0000

■ 28.9093, 0.5562,
0.3516

■ 28.9093, 0.5562,
0.3516

■ 25.5577, 0.5940,
0.3480

■ 33.4609, 0.5128,
0.3524

■ 23.2852, 0.6208,
0.3418


■ 39.3079, 0.4694,
0.3508

■ 22.6545, 0.6282,
0.3394

■ 46.5418, 0.4297,
0.3477

■ 55.2442, 0.3952,
0.3438

■ 65.4905, 0.3663,
0.3395

 77.3506, 0.3424,
0.3353

 90.8904, 0.3228,
0.3313

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



28.9093, 0.4985, 0.2779



28.9093, 0.5562, 0.3516



28.9093, 0.5259, 0.4335

Triad

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



28.9093, 0.5562, 0.3516



28.9093, 0.2250, 0.5055



28.9093, 0.1653, 0.1553

Complementary

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



28.9093, 0.5562, 0.3516



62.5562, 0.2204, 0.2925

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.



28.9093, 0.1246, 0.1709



28.9093, 0.5562, 0.3516



28.9093, 0.1484, 0.3500

Square

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



28.9093, 0.5562, 0.3516



28.9093, 0.3322, 0.5713



28.9093, 0.1179, 0.2292



28.9093, 0.2475, 0.1707

Rectangle

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



28.9093, 0.5562, 0.3516



28.9093, 0.4725, 0.4924



28.9093, 0.1179, 0.2292



28.9093, 0.1476, 0.1568

Sweetspot

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



28.9110, 0.5562, 0.3516



68.9892, 0.3584, 0.3382



30.2538, 0.3472, 0.1841



13.8965, 0.3677, 0.3397



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.



28.9110, 0.5562, 0.3516



24.3188, 0.6088, 0.3452



55.8082, 0.4658, 0.4392



18.4261, 0.3291, 0.3326



11.9705, 0.6262, 0.3410



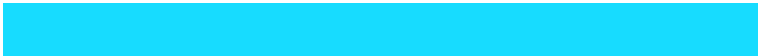
1.2889, 0.6076, 0.3557

Inverse Universe

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



62.5562, 0.2204, 0.2925



58.7129, 0.2135, 0.2845



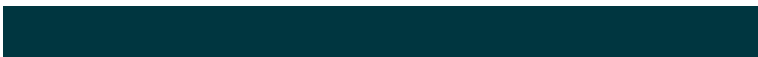
24.7420, 0.1872, 0.1640



19.9904, 0.2980, 0.3253



29.8251, 0.2113, 0.2806



3.0243, 0.2130, 0.2867

Previews

White Background



This preview shows how the Yxy color 28.9093, 0.5562, 0.3516 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 28.9093, 0.5562, 0.3516 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 28.9093, 0.5562, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 28.9093, 0.5562, 0.3516.



This preview shows how white text looks on a background with the Yxy color 28.9093, 0.5562, 0.3516.

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

28.9093, 0.5562, 0.3516

Protanopia

29.0989, 0.3973, 0.4329

Deuteranopia

28.7543, 0.4511, 0.4425



Tritanopia

28.8491, 0.5253, 0.3254

Trichromacy



Original Color

28.9093, 0.5562, 0.3516

Protanomaly

27.1254, 0.4601, 0.3975

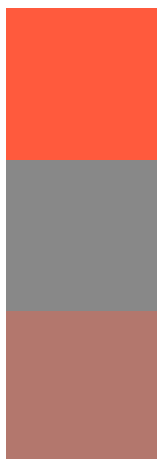
Deuteranomaly

27.4871, 0.4956, 0.4033

Tritanomaly

28.8335, 0.5376, 0.3354

Monochromacy



Original Color

28.9093, 0.5562, 0.3516

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8815, 0.4025, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9093, 0.5562, 0.3516 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 61) }
```

Border

The CSS property to change the border of an element to Yxy 28.9093, 0.5562, 0.3516 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, 61) }
```

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

```
.border{ border-color:rgb(255, 90, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9093, 0.5562, 0.3516 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, 61) }
```

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

```
.background{ background-color: rgb(255, 90,  
61) }
```

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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