

Converting Colors

$Y_{xy}(29.0195, 0.5556, 0.3521)$

Have a look what the booklet for
Yxy(29.0195, 0.5556, 0.3521)
contains.

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Color

Yxy(29.0791, 0.5553, 0.3524)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF5B3D |
| RGB | 255, 91, 61 |
| RGB Percent | 100%, 36%, 24% |
| CMY | 0.0000, 0.6431, 0.7607 |
| CMYK | 0.00, 0.64, 0.76, 0.00 |
| HSL | 9°, 100%, 62% |
| HSV | 9°, 76%, 100% |
| XYZ | 45.8219, 29.0791, 7.6163 |
| YIQ | 136.6160, 107.3740, 25.4380 |

Conversions

Conversions Part 2

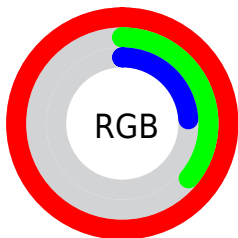
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 255, 96, 61 |
| Decimal | 16735037 |
| CIE Lab | 60.85, 60.80, 50.10 |
| CIE LCh | 61, 78.780, 39.487 |
| Yxy | 29.0791, 0.5553, 0.3524 |
| Android (android.graphics.Color) | 4294925117 (0xFFFF5B3D) |
| YUV | 136.6160, -37.2787, 103.8228 |
| Hunter-Lab | 53.9250, 57.3084, 29.3734 |

Details

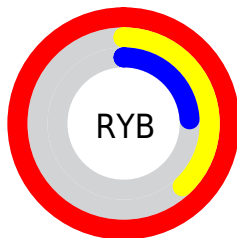
The Yxy color **29.0791, 0.5553, 0.3524** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **62.0636, 0.2201, 0.2913**, and the grayscale version is **24.9804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5656, 0.4612, 0.3677**, and **11.7601, 0.6206, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **25.6961, 0.5931, 0.3487**, and if you desaturate by 10%, it is **33.6542, 0.5121, 0.3532**.

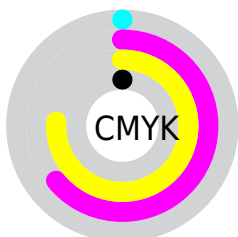
Distribution



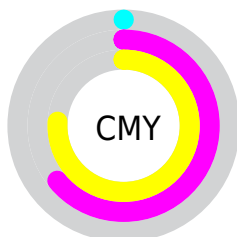
- Red (100%)
- Green (36%)
- Blue (24%)



- Red (100%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0791, 0.5553, 0.3524 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 29.0791, 0.5553, 0.3524 by changing the saturation by 10% instead.


 29.0791, 0.5553,
0.3524


 29.0791, 0.5553,
0.3524


297.5880, 0.4291,
0.3539


 19.1407, 0.5851,
0.3466


 58.2027, 0.5099,
0.3568


 11.7720, 0.6211,
0.3361


 78.1567, 0.4926,
0.3573

 6.5886, 0.6696,
0.3199


 102.2180, 0.4779,
0.3572

 3.2062, 0.7153,
0.2847

 130.7710, 0.4652,
0.3568

 1.2403, 0.7713,
0.2287

 164.2001, 0.4543,
0.3561

 0.0943, 0.9504,
0.0496

 202.8897, 0.4448,


 0.0000, 1.0000,


0.3554


0.0000


247.2242, 0.4365,
0.3547


 0.0000, 0.0000,
0.0000


 29.0791, 0.5553,
0.3524


 29.0791, 0.5553,
0.3524


 25.6961, 0.5931,
0.3487


 33.6542, 0.5121,
0.3532

 23.3865, 0.6200,
0.3424

 39.5152, 0.4689,
0.3515

 22.7376, 0.6275,
0.3399

 46.7517, 0.4293,
0.3483

 55.4443, 0.3950,
0.3442

 65.6669, 0.3661,
0.3398

 77.4885, 0.3423,
0.3355

 90.9740, 0.3228,
0.3314

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



29.0791, 0.4985, 0.2787



29.0791, 0.5553, 0.3524



29.0791, 0.5247, 0.4342

Triad

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



29.0791, 0.5553, 0.3524



29.0791, 0.2247, 0.5034



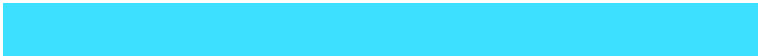
29.0791, 0.1663, 0.1559

Complementary

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



29.0791, 0.5553, 0.3524



62.0636, 0.2201, 0.2913

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.



29.0791, 0.1253, 0.1712



29.0791, 0.5553, 0.3524



29.0791, 0.1486, 0.3487

Square

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



29.0791, 0.5553, 0.3524



29.0791, 0.3314, 0.5702



29.0791, 0.1185, 0.2290



29.0791, 0.2487, 0.1715

Rectangle

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



29.0791, 0.5553, 0.3524



29.0791, 0.4714, 0.4928



29.0791, 0.1185, 0.2290



29.0791, 0.1485, 0.1573

Sweetspot

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



29.0808, 0.5553, 0.3524



69.1245, 0.3583, 0.3385



30.0841, 0.3508, 0.1864



13.9283, 0.3676, 0.3401



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.



29.0808, 0.5553, 0.3524



24.4320, 0.6080, 0.3459



57.1805, 0.4629, 0.4421



18.4403, 0.3291, 0.3327



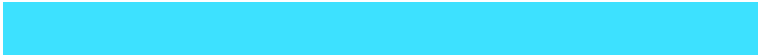
12.0158, 0.6255, 0.3416



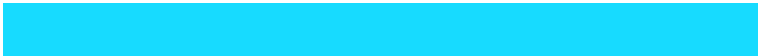
1.2956, 0.6067, 0.3565

Inverse Universe

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



62.0636, 0.2201, 0.2913



58.1279, 0.2131, 0.2830



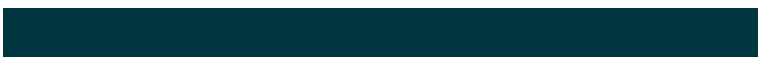
23.8905, 0.1861, 0.1599



19.9747, 0.2980, 0.3252



29.5005, 0.2108, 0.2790



2.9957, 0.2126, 0.2853

Previews

White Background



This preview shows how the Yxy color 29.0791, 0.5553, 0.3524 looks on a white background.

Color Contrast Check

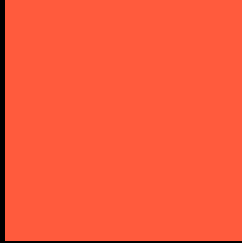
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0791, 0.5553, 0.3524 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 29.0791, 0.5553, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 29.0791, 0.5553, 0.3524.



This preview shows how white text looks on a background with the Yxy color 29.0791, 0.5553, 0.3524.

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

29.0791, 0.5553, 0.3524

Protanopia

29.0989, 0.3973, 0.4329

Deuteranopia

29.1683, 0.4511, 0.4430



Tritanopia

29.0298, 0.5234, 0.3253

Trichromacy



Original Color

29.0791, 0.5553, 0.3524

Protanomaly

27.3824, 0.4591, 0.3988

Deuteranomaly

27.8777, 0.4953, 0.4040

Tritanomaly

28.9988, 0.5369, 0.3363

Monochromacy



Original Color

29.0791, 0.5553, 0.3524

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2404, 0.4032, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0791, 0.5553, 0.3524 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, 91, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 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, 91, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 61) }
```

Border

The CSS property to change the border of an element to Yxy 29.0791, 0.5553, 0.3524 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, 91, 61) }
```

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

```
.border{ border-color:rgb(255, 91, 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, 91, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0791, 0.5553, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 61) }
```

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

```
.background{ background-color: rgb(255, 91,  
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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