

Converting Colors

$Y_{xy}(29.0373, 0.5695, 0.3638)$

Have a look what the booklet for
Yxy(29.0373, 0.5695, 0.3638)
contains.

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Color

Yxy(29.0744, 0.5694, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C29
RGB	255, 92, 41
RGB Percent	100%, 36%, 16%
CMY	0.0000, 0.6392, 0.8393
CMYK	0.00, 0.64, 0.84, 0.00
HSL	14°, 100%, 58%
HSV	14°, 84%, 100%
XYZ	45.4682, 29.0744, 5.3102
YIQ	134.9230, 113.5190, 18.6950

Conversions

Conversions Part 2

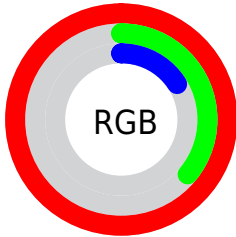
Format	Color
R_{YB}	255, 108, 41
Decimal	16735273
CIE _{Lab}	60.85, 59.81, 59.42
CIE _{LCh}	61, 84.309, 44.816
Yxy	29.0744, 0.5694, 0.3641
Android (android.graphics.Color)	4294925353 (0xFFFF5C29)
YUV	134.9230, -46.3040, 105.3075
Hunter-Lab	53.9207, 56.1575, 31.9055

Details

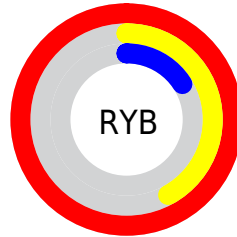
The Yxy color **29.0744, 0.5694, 0.3641** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **50.8579, 0.2093, 0.2626**, and the grayscale version is **24.3417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2125, 0.4774, 0.3837**, and **11.8259, 0.6257, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **26.0069, 0.5994, 0.3569**, and if you desaturate by 10%, it is **33.1210, 0.5319, 0.3673**.

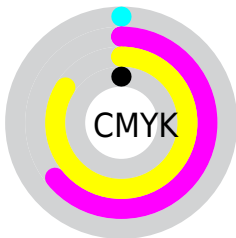
Distribution



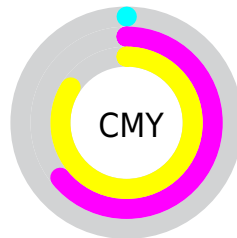
- Red (100%)
- Green (36%)
- Blue (16%)



- Red (100%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (84%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0744, 0.5694, 0.3641 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 29.0744, 0.5694, 0.3641 by changing the saturation by 10% instead.


 29.0744, 0.5694,
0.3641


 29.0744, 0.5694,
0.3641


297.5658, 0.4389,
0.3634

 19.1371, 0.5983,
0.3575


 58.1953, 0.5239,
0.3688

 11.7694, 0.6321,
0.3454


 78.1476, 0.5060,
0.3691


 6.5869, 0.6742,
0.3258


 102.2072, 0.4906,
0.3687

 3.2051, 0.7126,
0.2874

 130.7582, 0.4774,
0.3679

 1.2397, 0.7684,
0.2316

 164.1852, 0.4659,
0.3669

 0.0938, 0.9496,
0.0504

 202.8726, 0.4558,

 0.0000, 1.0000,

0.3657

0.0000

247.2046, 0.4469,
0.3646

■ 0.0000, 0.0000,
0.0000

■ 29.0744, 0.5694,
0.3641

■ 29.0744, 0.5694,
0.3641

■ 26.0069, 0.5994,
0.3569

■ 33.1210, 0.5319,
0.3673

■ 24.5771, 0.6132,
0.3513

■ 38.2232, 0.4916,
0.3665

■ 44.4526, 0.4524,
0.3628

■ 51.8732, 0.4168,
0.3573

■ 60.5441, 0.3858,
0.3508

70.5203, 0.3594,
0.3441

81.8536, 0.3374,
0.3375

94.5927, 0.3190,
0.3313

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.



29.0744, 0.5287, 0.2875



29.0744, 0.5694, 0.3641



29.0744, 0.5205, 0.4512

Triad

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



29.0744, 0.5694, 0.3641



29.0744, 0.2002, 0.4906



29.0744, 0.1705, 0.1485

Complementary

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



29.0744, 0.5694, 0.3641



50.8579, 0.2093, 0.2626

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.



29.0744, 0.1217, 0.1574



29.0744, 0.5694, 0.3641



29.0744, 0.1306, 0.3206

Square

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



29.0744, 0.5694, 0.3641



29.0744, 0.3080, 0.5865



29.0744, 0.1082, 0.2069



29.0744, 0.2648, 0.1698

Rectangle

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



29.0744, 0.5694, 0.3641



29.0744, 0.4582, 0.5144



29.0744, 0.1082, 0.2069



29.0744, 0.1497, 0.1479

Sweetspot

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



29.0754, 0.5694, 0.3641



69.3932, 0.3620, 0.3448



27.2543, 0.3774, 0.1939



14.0810, 0.3709, 0.3472



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.



29.0754, 0.5694, 0.3641



24.5771, 0.6132, 0.3513



61.7737, 0.4601, 0.4598



18.6901, 0.3288, 0.3347



13.0322, 0.6105, 0.3534



1.4290, 0.5890, 0.3705

Inverse Universe

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



50.8579, 0.2093, 0.2626



45.8889, 0.2023, 0.2484



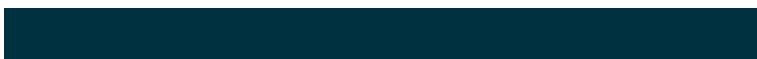
16.4342, 0.1712, 0.1206



19.7041, 0.2980, 0.3232



24.2207, 0.2027, 0.2498



2.5263, 0.2055, 0.2599

Previews

White Background



This preview shows how the Yxy color 29.0744, 0.5694, 0.3641 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 29.0744, 0.5694, 0.3641 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 29.0744, 0.5694, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 29.0744, 0.5694, 0.3641.



This preview shows how white text looks on a background with the Yxy color 29.0744, 0.5694, 0.3641.

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

29.0744, 0.5694, 0.3641

Protanopia

29.0358, 0.4176, 0.4587

Deuteranopia

28.9548, 0.4681, 0.4578



Tritanopia

29.0298, 0.5234, 0.3253

Trichromacy



Original Color

29.0744, 0.5694, 0.3641

Protanomaly

27.2793, 0.4791, 0.4190

Deuteranomaly

27.8518, 0.5113, 0.4184

Tritanomaly

28.8992, 0.5445, 0.3417

Monochromacy



Original Color

29.0744, 0.5694, 0.3641

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7169, 0.4129, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0744, 0.5694, 0.3641 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, 92, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 41)  
}
```

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, 92, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 41) }
```

Border

The CSS property to change the border of an element to Yxy 29.0744, 0.5694, 0.3641 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, 92, 41) }
```

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

```
.border{ border-color:rgb(255, 92, 41) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0744, 0.5694, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 41) }
```

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

```
.background{ background-color: rgb(255, 92,  
41) }
```

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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