

Converting Colors

$Y_{xy}(29.2792, 0.5568, 0.3756)$

Have a look what the booklet for
Yxy(29.2792, 0.5568, 0.3756)
contains.

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Color

Yxy(29.2280, 0.5570, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	F76527
RGB	247, 101, 39
RGB Percent	97%, 40%, 15%
CMY	0.0314, 0.6039, 0.8472
CMYK	0.00, 0.59, 0.84, 0.03
HSL	18°, 93%, 56%
HSV	18°, 84%, 97%
XYZ	43.3786, 29.2280, 5.2724
YIQ	137.5860, 106.9180, 11.6700

Conversions

Conversions Part 2

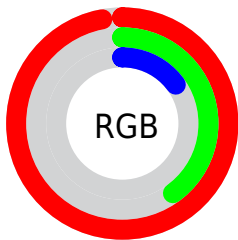
Format	Color
R_{YB}	247, 127, 39
Decimal	16213287
CIE _{Lab}	60.98, 53.14, 59.83
CIE _{LCh}	61, 80.022, 48.389
Yxy	29.2280, 0.5570, 0.3753
Android (android.graphics.Color)	4294403367 (0xFFFF76527)
YUV	137.5860, -48.6029, 95.9561
Hunter-Lab	54.0629, 48.6134, 32.0619

Details

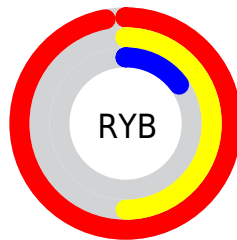
The Yxy color **29.2280, 0.5570, 0.3753** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **41.8337, 0.2045, 0.2446**, and the grayscale version is **25.4079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7751, 0.4724, 0.3934**, and **11.9441, 0.6085, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **26.0970, 0.5861, 0.3678**, and if you desaturate by 10%, it is **33.1787, 0.5218, 0.3780**.

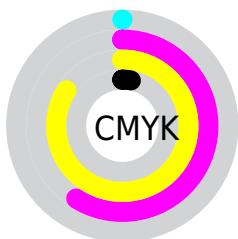
Distribution



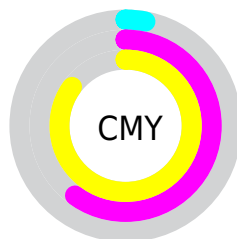
- Red (97%)
- Green (40%)
- Blue (15%)



- Red (97%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (84%)
- Black (3%)





- Cyan (3%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2280, 0.5570, 0.3753 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 29.2280, 0.5570, 0.3753 by changing the saturation by 10% instead.


 29.2280, 0.5570,
0.3753


 29.2280, 0.5570,
0.3753


298.2892, 0.4330,
0.3679

 19.2534, 0.5844,
0.3704


 58.4391, 0.5137,
0.3775


 11.8535, 0.6165,
0.3604


 78.4444, 0.4967,
0.3768


 6.6440, 0.6566,
0.3434


 102.5621, 0.4821,
0.3756

 3.2405, 0.6926,
0.3074

 131.1764, 0.4695,
0.3741

 1.2585, 0.7461,
0.2539

 164.6720, 0.4586,
0.3726

 0.1087, 0.9338,
0.0662

 203.4330, 0.4490,

 0.0000, 1.0000,

0.3710

0.0000

247.8439, 0.4405,
0.3694

■ 0.0000, 0.0000,
0.0000

■ 29.2280, 0.5570,
0.3753

■ 29.2280, 0.5570,
0.3753

■ 26.0970, 0.5861,
0.3678

■ 33.1787, 0.5218,
0.3780

■ 24.6261, 0.5996,
0.3621


■ 38.0029, 0.4842,
0.3764


■ 43.7551, 0.4477,
0.3714


■ 50.4830, 0.4141,
0.3644

■ 58.2312, 0.3846,
0.3564

 67.0412, 0.3591,
0.3480

 76.9521, 0.3376,
0.3399

 88.0011, 0.3195,
0.3321

 98.5149, 0.3078,
0.3290

Harmonies

Analogous

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



29.2280, 0.5278, 0.2992



29.2280, 0.5570, 0.3753



29.2280, 0.5048, 0.4607

Triad

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



29.2280, 0.5570, 0.3753



29.2280, 0.1959, 0.4625



29.2280, 0.1846, 0.1559

Complementary

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



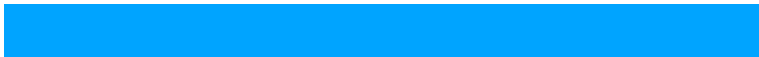
29.2280, 0.5570, 0.3753



41.8337, 0.2045, 0.2446

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.



29.2280, 0.1320, 0.1613



29.2280, 0.5570, 0.3753



29.2280, 0.1332, 0.3057

Square

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



29.2280, 0.5570, 0.3753



29.2280, 0.2977, 0.5688



29.2280, 0.1152, 0.2046



29.2280, 0.2814, 0.1801

Rectangle

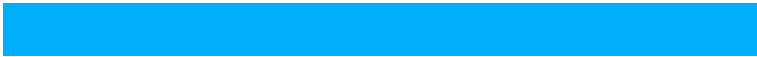
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.2280, 0.5570, 0.3753



29.2280, 0.4434, 0.5194



29.2280, 0.1152, 0.2046



29.2280, 0.1626, 0.1542

Sweetspot

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



29.2297, 0.5570, 0.3753



71.2538, 0.3611, 0.3487



24.8579, 0.3919, 0.2023



14.5166, 0.3697, 0.3516



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.



29.2297, 0.5570, 0.3753



26.4338, 0.5999, 0.3618



62.1301, 0.4508, 0.4681



17.2879, 0.3286, 0.3361



13.2386, 0.5967, 0.3644



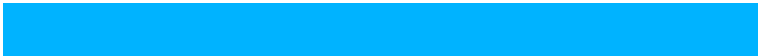
1.3354, 0.5723, 0.3838

Inverse Universe

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



41.8337, 0.2045, 0.2446



39.4458, 0.1963, 0.2267



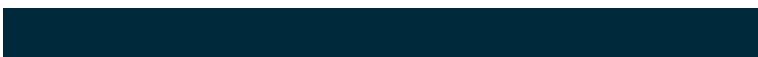
13.4947, 0.1680, 0.1090



17.8746, 0.2980, 0.3218



19.6886, 0.1969, 0.2287



1.9092, 0.2008, 0.2428

Previews

White Background



This preview shows how the Yxy color 29.2280, 0.5570, 0.3753 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 29.2280, 0.5570, 0.3753 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 29.2280, 0.5570, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 29.2280, 0.5570, 0.3753.



This preview shows how white text looks on a background with the Yxy color 29.2280, 0.5570, 0.3753.

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

29.2280, 0.5570, 0.3753

Protanopia

29.4182, 0.4204, 0.4631

Deuteranopia

29.2458, 0.4668, 0.4588



Tritanopia

29.2637, 0.5038, 0.3240

Trichromacy



Original Color

29.2280, 0.5570, 0.3753

Protanomaly

28.0399, 0.4744, 0.4272

Deuteranomaly

28.4107, 0.5038, 0.4251

Tritanomaly

29.0559, 0.5288, 0.3463

Monochromacy



Original Color

29.2280, 0.5570, 0.3753

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0915, 0.4064, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2280, 0.5570, 0.3753 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(247, 101, 39)` looks like.

```
.text, #text, p{  
    color:rgb(247, 101, 39)  
}
```

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(247, 101, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 101, 39) }
```

Border

The CSS property to change the border of an element to Yxy 29.2280, 0.5570, 0.3753 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(247, 101, 39) }
```

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

```
.border{ border-color:rgb(247, 101, 39) }
```

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

Here you see how a box with a 4 pixel rgb(247, 101, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 101, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 101, 39);  
box-shadow:4px 4px 4px 4px rgb(247, 101,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2280, 0.5570, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 101, 39) }
```

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

```
.background{ background-color: rgb(247,  
101, 39) }
```

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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