

Converting Colors

$Y_{xy}(29.0270, 0.5474, 0.3549)$

Have a look what the booklet for
Yxy(29.0270, 0.5474, 0.3549)
contains.

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Color

Yxy(29.0525, 0.5475, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	FB5F3F
RGB	251, 95, 63
RGB Percent	98%, 37%, 25%
CMY	0.0158, 0.6273, 0.7530
CMYK	0.00, 0.62, 0.75, 0.02
HSL	10°, 96%, 62%
HSV	10°, 75%, 98%
XYZ	44.7685, 29.0525, 7.9479
YIQ	137.9960, 103.2480, 23.1200

Conversions

Conversions Part 2

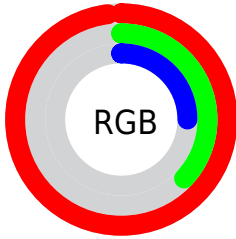
Format	Color
R_{YB}	251, 102, 63
Decimal	16473919
CIE _{Lab}	60.83, 57.87, 48.88
CIE _{LCh}	61, 75.752, 40.183
Yxy	29.0525, 0.5475, 0.3553
Android (android.graphics.Color)	4294663999 (0xFFFB5F3F)
YUV	137.9960, -36.9730, 99.1045
Hunter-Lab	53.9004, 53.9326, 28.9876

Details

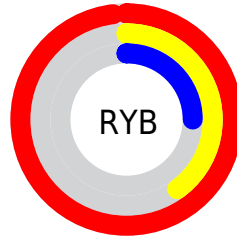
The Yxy color **29.0525, 0.5475, 0.3553** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **58.6513, 0.2199, 0.2880**, and the grayscale version is **25.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5855, 0.4562, 0.3679**, and **11.8013, 0.6122, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **25.5706, 0.5860, 0.3519**, and if you desaturate by 10%, it is **33.6677, 0.5046, 0.3556**.

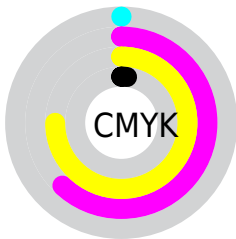
Distribution



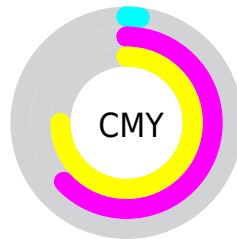
- Red (98%)
- Green (37%)
- Blue (25%)



- Red (98%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (2%)





- Cyan (2%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0525, 0.5475, 0.3553 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 29.0525, 0.5475, 0.3553 by changing the saturation by 10% instead.

 29.0525, 0.5475,
0.3553


 29.0525, 0.5475,
0.3553


297.4626, 0.4249,
0.3544


 19.1205, 0.5768,
0.3504


 58.1605, 0.5032,
0.3586


 11.7574, 0.6123,
0.3410


 78.1053, 0.4864,
0.3587


 6.5787, 0.6595,
0.3257


 102.1565, 0.4721,
0.3584

 3.2001, 0.7072,
0.2928

 130.6986, 0.4599,
0.3578

 1.2371, 0.7625,
0.2375

 164.1158, 0.4493,
0.3570

 0.0917, 0.9484,
0.0516

 202.7926, 0.4401,

 0.0000, 1.0000,

0.3561

0.0000

247.1134, 0.4320,
0.3553

■ 0.0000, 0.0000,
0.0000

■ 29.0525, 0.5475,
0.3553

■ 29.0525, 0.5475,
0.3553

■ 25.5706, 0.5860,
0.3519

■ 33.6677, 0.5046,
0.3556

■ 23.1163, 0.6147,
0.3454


■ 39.4995, 0.4624,
0.3535


■ 22.2180, 0.6251,
0.3418


■ 46.6286, 0.4240,
0.3497

■ 55.1277, 0.3907,
0.3452

■ 65.0636, 0.3628,
0.3403

 76.4991, 0.3397,
0.3356

 89.4929, 0.3207,
0.3311

 99.2462, 0.3102,
0.3290

Harmonies

Analogous

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



29.0525, 0.4939, 0.2826



29.0525, 0.5475, 0.3553



29.0525, 0.5178, 0.4354

Triad

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



29.0525, 0.5475, 0.3553



29.0525, 0.2263, 0.4927



29.0525, 0.1719, 0.1606

Complementary

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



29.0525, 0.5475, 0.3553



58.6513, 0.2199, 0.2880

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.



29.0525, 0.1307, 0.1752



29.0525, 0.5475, 0.3553



29.0525, 0.1527, 0.3453

Square

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



29.0525, 0.5475, 0.3553



29.0525, 0.3301, 0.5608



29.0525, 0.1234, 0.2311



29.0525, 0.2535, 0.1765

Rectangle

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



29.0525, 0.5475, 0.3553



29.0525, 0.4663, 0.4917



29.0525, 0.1234, 0.2311



29.0525, 0.1541, 0.1618

Sweetspot

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



29.0542, 0.5475, 0.3553



70.7164, 0.3557, 0.3390



29.2080, 0.3537, 0.1898



14.4794, 0.3624, 0.3403



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.



29.0542, 0.5475, 0.3553



25.0693, 0.6024, 0.3488



56.9667, 0.4577, 0.4440



17.7032, 0.3290, 0.3331



11.8224, 0.6229, 0.3436



1.2250, 0.6024, 0.3599

Inverse Universe

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



58.6513, 0.2199, 0.2880



56.4842, 0.2121, 0.2786



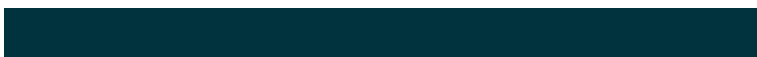
22.8523, 0.1867, 0.1587



19.0754, 0.2980, 0.3249



27.6183, 0.2093, 0.2736



2.6865, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 29.0525, 0.5475, 0.3553 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 29.0525, 0.5475, 0.3553 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 29.0525, 0.5475, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 29.0525, 0.5475, 0.3553.



This preview shows how white text looks on a background with the Yxy color 29.0525, 0.5475, 0.3553.

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

29.0525, 0.5475, 0.3553

Protanopia

29.1133, 0.3964, 0.4315

Deuteranopia

29.2036, 0.4484, 0.4396



Tritanopia

29.0221, 0.5153, 0.3251

Trichromacy



Original Color

29.0525, 0.5475, 0.3553

Protanomaly

27.3887, 0.4550, 0.3998

Deuteranomaly

28.1206, 0.4880, 0.4041

Tritanomaly

28.9898, 0.5290, 0.3365

Monochromacy



Original Color

29.0525, 0.5475, 0.3553

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.6505, 0.3982, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0525, 0.5475, 0.3553 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(251, 95, 63)` looks like.

```
.text, #text, p{  
  color:rgb(251, 95, 63)  
}
```

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(251, 95, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 95, 63) }
```

Border

The CSS property to change the border of an element to Yxy 29.0525, 0.5475, 0.3553 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(251, 95, 63) }
```

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

```
.border{ border-color:rgb(251, 95, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 95, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 95, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 95, 63);  
box-shadow:4px 4px 4px 4px rgb(251, 95,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0525, 0.5475, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 95, 63) }
```

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

```
.background{ background-color: rgb(251, 95,  
63) }
```

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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