

Converting Colors

$Y_{xy}(29.6132, 0.5518, 0.3544)$

Have a look what the booklet for
Yxy(29.6132, 0.5518, 0.3544)
contains.

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Color

Yxy(29.6132, 0.5518, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E3E
RGB	255, 94, 62
RGB Percent	100%, 37%, 24%
CMY	0.0001, 0.6313, 0.7570
CMYK	0.00, 0.63, 0.76, 0.00
HSL	10°, 100%, 62%
HSV	10°, 76%, 100%
XYZ	46.1077, 29.6132, 7.8378
YIQ	138.4910, 106.2280, 24.1800

Conversions

Conversions Part 2

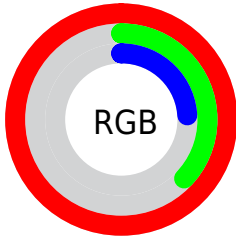
Format	Color
R_{YB}	255, 100, 62
Decimal	16735806
CIE _{Lab}	61.32, 59.60, 50.11
CIE _{LCh}	61, 77.866, 40.058
Yxy	29.6132, 0.5518, 0.3544
Android (android.graphics.Color)	4294925886 (0xFFFF5E3E)
YUV	138.4910, -37.7101, 102.1784
Hunter-Lab	54.4180, 56.0092, 29.5531

Details

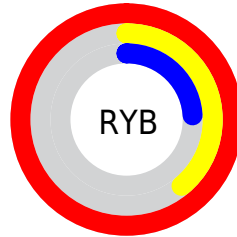
The Yxy color **29.6132, 0.5518, 0.3544** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **60.9759, 0.2196, 0.2886**, and the grayscale version is **25.7324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2425, 0.4579, 0.3678**, and **12.0119, 0.6162, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **26.1217, 0.5898, 0.3507**, and if you desaturate by 10%, it is **34.2807, 0.5089, 0.3550**.

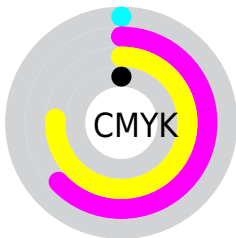
Distribution



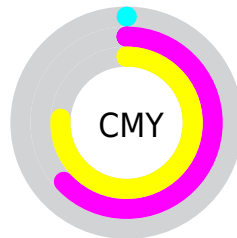
- Red (100%)
- Green (37%)
- Blue (24%)



- Red (100%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6132, 0.5518, 0.3544 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 29.6132, 0.5518, 0.3544 by changing the saturation by 10% instead.


 29.6132, 0.5518,
0.3544


 29.6132, 0.5518,
0.3544


300.0973, 0.4276,
0.3546

 19.5452, 0.5811,
0.3491


 59.0499, 0.5072,
0.3582

 12.0649, 0.6165,
0.3392


 79.1874, 0.4902,
0.3585


 6.7879, 0.6635,
0.3235


 103.4502, 0.4757,
0.3583

 3.3298, 0.7099,
0.2901

 132.2227, 0.4633,
0.3577

 1.3062, 0.7646,
0.2354

 165.8893, 0.4525,
0.3570

 0.1460, 0.9265,
0.0735

 204.8343, 0.4432,


 0.0000, 1.0000,


0.3562


0.0000


249.4422, 0.4349,
0.3554


 0.0000, 0.0000,
0.0000


 29.6132, 0.5518,
0.3544

 29.6132, 0.5518,
0.3544


 26.1217, 0.5898,
0.3507


 34.2807, 0.5089,
0.3550


 23.6931, 0.6174,
0.3442


 40.2131, 0.4662,
0.3531

 22.9386, 0.6259,
0.3412

 47.4965, 0.4272,
0.3496

 56.2079, 0.3934,
0.3452

 66.4183, 0.3650,
0.3404

 78.1941, 0.3414,
0.3358

 91.5975, 0.3221,
0.3314

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



29.6132, 0.4973, 0.2811



29.6132, 0.5518, 0.3544



29.6132, 0.5210, 0.4355

Triad

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



29.6132, 0.5518, 0.3544



29.6132, 0.2246, 0.4973



29.6132, 0.1694, 0.1581

Complementary

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



29.6132, 0.5518, 0.3544



60.9759, 0.2196, 0.2886

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.



29.6132, 0.1280, 0.1728



29.6132, 0.5518, 0.3544



29.6132, 0.1501, 0.3459

Square

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



29.6132, 0.5518, 0.3544



29.6132, 0.3299, 0.5659



29.6132, 0.1206, 0.2292



29.6132, 0.2518, 0.1740

Rectangle

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



29.6132, 0.5518, 0.3544



29.6132, 0.4683, 0.4931



29.6132, 0.1206, 0.2292



29.6132, 0.1515, 0.1593

Sweetspot

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



29.6149, 0.5518, 0.3544



69.4486, 0.3582, 0.3392



30.1914, 0.3506, 0.1867



14.0047, 0.3674, 0.3409



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.



29.6149, 0.5518, 0.3544



24.7124, 0.6060, 0.3475



57.3272, 0.4622, 0.4418



18.4744, 0.3290, 0.3330



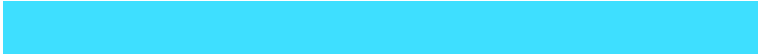
12.1294, 0.6237, 0.3430



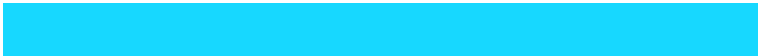
1.3117, 0.6045, 0.3582

Inverse Universe

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



60.9759, 0.2196, 0.2886



56.7461, 0.2121, 0.2794



24.0803, 0.1866, 0.1607



19.9374, 0.2980, 0.3250



28.7346, 0.2097, 0.2750



2.9282, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 29.6132, 0.5518, 0.3544 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 29.6132, 0.5518, 0.3544 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 29.6132, 0.5518, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 29.6132, 0.5518, 0.3544.



This preview shows how white text looks on a background with the Yxy color 29.6132, 0.5518, 0.3544.

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

29.6132, 0.5518, 0.3544

Protanopia

29.6368, 0.3980, 0.4319

Deuteranopia

29.6031, 0.4498, 0.4419



Tritanopia

29.5867, 0.5176, 0.3252

Trichromacy



Original Color

29.6132, 0.5518, 0.3544

Protanomaly

27.7897, 0.4582, 0.3986

Deuteranomaly

28.3928, 0.4915, 0.4048

Tritanomaly

29.5544, 0.5312, 0.3364

Monochromacy



Original Color

29.6132, 0.5518, 0.3544

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8686, 0.4019, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6132, 0.5518, 0.3544 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, 94, 62)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 62)  
}
```

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, 94, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 62) }
```

Border

The CSS property to change the border of an element to Yxy 29.6132, 0.5518, 0.3544 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, 94, 62) }
```

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

```
.border{ border-color:rgb(255, 94, 62) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 62);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6132, 0.5518, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 62) }
```

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

```
.background{ background-color: rgb(255, 94,  
62) }
```

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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