

Converting Colors

$Yxy(27.4433, 0.5486, 0.3551)$

Have a look what the booklet for
Yxy(27.4433, 0.5486, 0.3551)
contains.

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Color

Yxy(27.4037, 0.5482, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	F55C3D
RGB	245, 92, 61
RGB Percent	96%, 36%, 24%
CMY	0.0393, 0.6391, 0.7608
CMYK	0.00, 0.62, 0.75, 0.04
HSL	10°, 90%, 60%
HSV	10°, 75%, 96%
XYZ	42.3175, 27.4037, 7.4723
YIQ	134.2130, 101.1390, 22.7950

Conversions

Conversions Part 2

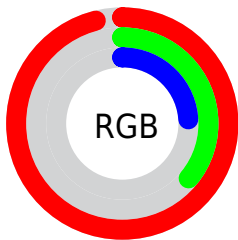
Format	Color
R_{YB}	245, 98, 61
Decimal	16079933
CIE _{Lab}	59.35, 57.03, 48.02
CIE _{LCh}	59, 74.555, 40.101
Yxy	27.4037, 0.5482, 0.3550
Android (android.graphics.Color)	4294270013 (0xFFFF55C3D)
YUV	134.2130, -36.0940, 97.1602
Hunter-Lab	52.3485, 52.6858, 28.1808

Details

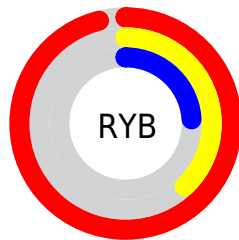
The Yxy color **27.4037, 0.5482, 0.3550** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **55.6332, 0.2199, 0.2884**, and the grayscale version is **24.0352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5656, 0.4612, 0.3677**, and **10.8328, 0.6152, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **24.1307, 0.5866, 0.3515**, and if you desaturate by 10%, it is **31.7483, 0.5053, 0.3554**.

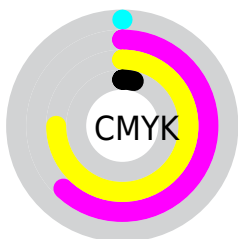
Distribution



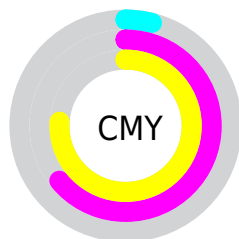
- Red (96%)
- Green (36%)
- Blue (24%)



- Red (96%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (4%)




- Cyan (4%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4037, 0.5482, 0.3550 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 27.4037, 0.5482, 0.3550 by changing the saturation by 10% instead.


 27.4037, 0.5482,
0.3550

 27.4037, 0.5482,
0.3550


289.6065, 0.4241,
0.3542


 17.8766, 0.5782,
0.3499


 55.5310, 0.5031,
0.3585


 10.8615, 0.6147,
0.3400


 74.9000, 0.4860,
0.3586

 5.9738, 0.6654,
0.3248

 98.3185, 0.4716,
0.3582

 2.8291, 0.7116,
0.2884

 126.1708, 0.4592,
0.3576

 1.0432, 0.7702,
0.2298

 158.8414, 0.4486,
0.3568

 0.0000, 1.0000,
0.0000


 196.7146, 0.4394,


 0.0000, 0.0000,


0.3559


0.0000


240.1748, 0.4312,
0.3551


 27.4037, 0.5482,
0.3550


 27.4037, 0.5482,
0.3550

 24.1307, 0.5866,
0.3515


 31.7483, 0.5053,
0.3554


 21.8289, 0.6152,
0.3451


 37.2435, 0.4630,
0.3533


 21.0168, 0.6252,
0.3418


 43.9662, 0.4246,
0.3496

 51.9851, 0.3913,
0.3451

 61.3639, 0.3633,
0.3403

 72.1618, 0.3401,
0.3356

 84.4349, 0.3211,
0.3311

 98.1086, 0.3066,
0.3289

 98.1468, 0.3066,
0.3290

Harmonies

Analogous

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



27.4037, 0.4943, 0.2822



27.4037, 0.5482, 0.3550



27.4037, 0.5185, 0.4353

Triad

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



27.4037, 0.5482, 0.3550



27.4037, 0.2262, 0.4937



27.4037, 0.1714, 0.1602

Complementary

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



27.4037, 0.5482, 0.3550



55.6332, 0.2199, 0.2884

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.



27.4037, 0.1302, 0.1749



27.4037, 0.5482, 0.3550



27.4037, 0.1524, 0.3457

Square

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



27.4037, 0.5482, 0.3550



27.4037, 0.3303, 0.5617



27.4037, 0.1230, 0.2309



27.4037, 0.2530, 0.1760

Rectangle

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



27.4037, 0.5482, 0.3550



27.4037, 0.4668, 0.4918



27.4037, 0.1230, 0.2309



27.4037, 0.1536, 0.1614

Sweetspot

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



27.4053, 0.5482, 0.3550



69.5241, 0.3581, 0.3393



27.6139, 0.3538, 0.1897



14.0225, 0.3673, 0.3411



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.



27.4053, 0.5482, 0.3550



25.0258, 0.6027, 0.3486



53.8762, 0.4579, 0.4441



16.9344, 0.3289, 0.3331



11.4599, 0.6231, 0.3435



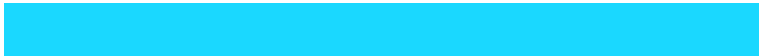
1.1340, 0.6013, 0.3607

Inverse Universe

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



55.6332, 0.2199, 0.2884



56.6804, 0.2122, 0.2792



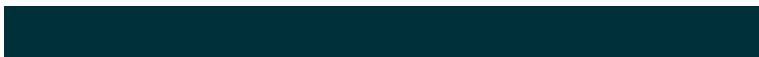
21.5793, 0.1865, 0.1585



18.2538, 0.2980, 0.3249



26.9048, 0.2095, 0.2742



2.4880, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 27.4037, 0.5482, 0.3550 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 27.4037, 0.5482, 0.3550 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 27.4037, 0.5482, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 27.4037, 0.5482, 0.3550.



This preview shows how white text looks on a background with the Yxy color 27.4037, 0.5482, 0.3550.

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

27.4037, 0.5482, 0.3550

Protanopia

27.4498, 0.3966, 0.4309

Deuteranopia

27.4310, 0.4488, 0.4398



Tritanopia

27.3626, 0.5164, 0.3250

Trichromacy



Original Color

27.4037, 0.5482, 0.3550

Protanomaly

25.8174, 0.4566, 0.3985

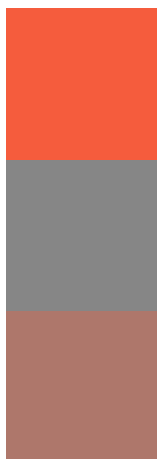
Deuteranomaly

26.4053, 0.4894, 0.4034

Tritanomaly

27.3317, 0.5304, 0.3367

Monochromacy



Original Color

27.4037, 0.5482, 0.3550

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2539, 0.3989, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4037, 0.5482, 0.3550 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(245, 92, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 92, 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(245, 92, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 92, 61) }
```

Border

The CSS property to change the border of an element to Yxy 27.4037, 0.5482, 0.3550 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(245, 92, 61) }
```

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

```
.border{ border-color:rgb(245, 92, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 92, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 92, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 92, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 92,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4037, 0.5482, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 92, 61) }
```

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

```
.background{ background-color: rgb(245, 92,  
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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