

Converting Colors

$Y_{xy}(27.3378, 0.5514, 0.3471)$

Have a look what the booklet for
Yxy(27.3378, 0.5514, 0.3471)
contains.

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Color

Yxy(27.3378, 0.5514, 0.3471)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F95741 |
| RGB | 249, 87, 65 |
| RGB Percent | 98%, 34%, 25% |
| CMY | 0.0236, 0.6588, 0.7450 |
| CMYK | 0.00, 0.65, 0.74, 0.02 |
| HSL | 7°, 94%, 62% |
| HSV | 7°, 74%, 98% |
| XYZ | 43.4286, 27.3378, 7.9942 |
| YIQ | 132.9300, 103.6140, 27.5020 |

Conversions

Conversions Part 2

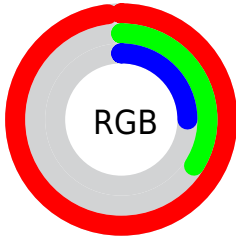
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 249, 90, 65 |
| Decimal | 16340801 |
| CIE _{Lab} | 59.29, 60.60, 46.06 |
| CIE _{LCh} | 59, 76.116, 37.235 |
| Yxy | 27.3378, 0.5514, 0.3471 |
| Android (android.graphics.Color) | 4294530881 (0xFFFF95741) |
| YUV | 132.9300, -33.4895, 101.7934 |
| Hunter-Lab | 52.2856, 56.7630, 27.5348 |

Details

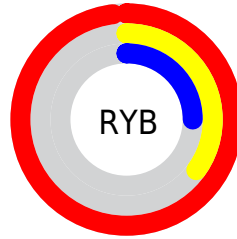
The Yxy color **27.3378, 0.5514, 0.3471** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **62.9109, 0.2237, 0.3011**, and the grayscale version is **23.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4214, 0.4601, 0.3597**, and **10.8616, 0.6198, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **24.0836, 0.5913, 0.3445**, and if you desaturate by 10%, it is **31.7999, 0.5066, 0.3475**.

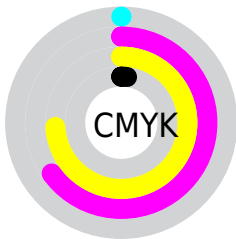
Distribution



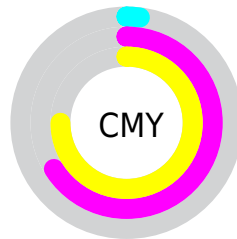
- Red (98%)
- Green (34%)
- Blue (25%)



- Red (98%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3378, 0.5514, 0.3471 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 27.3378, 0.5514, 0.3471 by changing the saturation by 10% instead.

 27.3378, 0.5514,
0.3471


 27.3378, 0.5514,
0.3471


289.2890, 0.4252,
0.3502


 17.8271, 0.5822,
0.3412


 55.4255, 0.5054,
0.3518


 10.8259, 0.6198,
0.3305


 74.7712, 0.4880,
0.3525

 5.9499, 0.6703,
0.3134


 98.1640, 0.4733,
0.3526

 2.8146, 0.7222,
0.2778

 125.9884, 0.4608,
0.3524

 1.0357, 0.7817,
0.2183

 158.6287, 0.4500,
0.3519

 0.0000, 1.0000,
0.0000

 196.4693, 0.4406,

 0.0000, 0.0000,

0.3514

0.0000

239.8946, 0.4324,
0.3508

■ 27.3378, 0.5514,
0.3471

■ 27.3378, 0.5514,
0.3471

■ 24.0836, 0.5913,
0.3445

■ 31.7999, 0.5066,
0.3475

■ 21.9135, 0.6203,
0.3397

■ 37.5686, 0.4627,
0.3460

■ 21.0544, 0.6318,
0.3366


■ 44.7374, 0.4231,
0.3433

■ 53.3901, 0.3892,
0.3401

■ 63.6038, 0.3609,
0.3367

 75.4504, 0.3378,
0.3333

 88.9971, 0.3190,
0.3302

 98.8786, 0.3090,
0.3290

Harmonies

Analogous

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



27.3378, 0.4884, 0.2743



27.3378, 0.5514, 0.3471



27.3378, 0.5274, 0.4275

Triad

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



27.3378, 0.5514, 0.3471



27.3378, 0.2334, 0.5100



27.3378, 0.1634, 0.1576

Complementary

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



27.3378, 0.5514, 0.3471



62.9109, 0.2237, 0.3011

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.



27.3378, 0.1254, 0.1755



27.3378, 0.5514, 0.3471



27.3378, 0.1546, 0.3600

Square

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



27.3378, 0.5514, 0.3471



27.3378, 0.3401, 0.5664



27.3378, 0.1212, 0.2370



27.3378, 0.2419, 0.1709

Rectangle

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



27.3378, 0.5514, 0.3471



27.3378, 0.4771, 0.4853



27.3378, 0.1212, 0.2370



27.3378, 0.1467, 0.1597

Sweetspot

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



27.3394, 0.5514, 0.3471



69.3303, 0.3563, 0.3360



29.4988, 0.3426, 0.1841



14.1586, 0.3632, 0.3370



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.



27.3394, 0.5514, 0.3471



24.0921, 0.6082, 0.3422



52.5515, 0.4639, 0.4351



17.5591, 0.3291, 0.3319



11.3754, 0.6301, 0.3379



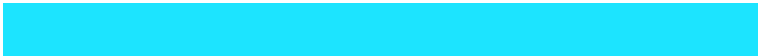
1.1572, 0.6127, 0.3517

Inverse Universe

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



62.9109, 0.2237, 0.3011



62.8914, 0.2166, 0.2947



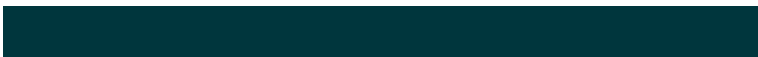
25.4470, 0.1912, 0.1737



19.2337, 0.2980, 0.3261



30.9900, 0.2141, 0.2908



2.9670, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 27.3378, 0.5514, 0.3471 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 27.3378, 0.5514, 0.3471 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 27.3378, 0.5514, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 27.3378, 0.5514, 0.3471.



This preview shows how white text looks on a background with the Yxy color 27.3378, 0.5514, 0.3471.

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

27.3378, 0.5514, 0.3471

Protanopia

27.4376, 0.3898, 0.4229

Deuteranopia

27.3491, 0.4447, 0.4367



Tritanopia

27.3859, 0.5274, 0.3253

Trichromacy



Original Color

27.3378, 0.5514, 0.3471

Protanomaly

25.6349, 0.4524, 0.3915

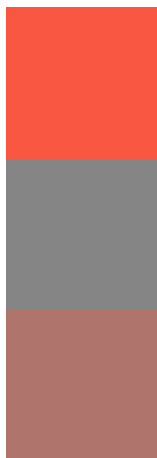
Deuteranomaly

26.1100, 0.4892, 0.3970

Tritanomaly

27.4002, 0.5376, 0.3338

Monochromacy



Original Color

27.3378, 0.5514, 0.3471

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6875, 0.4006, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3378, 0.5514, 0.3471 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(249, 87, 65)` looks like.

```
.text, #text, p{  
    color:rgb(249, 87, 65)  
}
```

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(249, 87, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 87, 65) }
```

Border

The CSS property to change the border of an element to Yxy 27.3378, 0.5514, 0.3471 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(249, 87, 65) }
```

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

```
.border{ border-color:rgb(249, 87, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 87, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 87, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 87, 65);  
box-shadow:4px 4px 4px 4px rgb(249, 87,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3378, 0.5514, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 87, 65) }
```

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

```
.background{ background-color: rgb(249, 87,  
65) }
```

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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