

Converting Colors

$Y_{xy}(27.4219, 0.5510, 0.3497)$

Have a look what the booklet for
Yxy(27.4219, 0.5510, 0.3497)
contains.

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Color

Yxy(27.4601, 0.5510, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	F8593F
RGB	248, 89, 63
RGB Percent	97%, 35%, 25%
CMY	0.0275, 0.6509, 0.7529
CMYK	0.00, 0.64, 0.75, 0.03
HSL	8°, 93%, 61%
HSV	8°, 75%, 97%
XYZ	43.1807, 27.4601, 7.7271
YIQ	133.5770, 103.1100, 25.6220

Conversions

Conversions Part 2

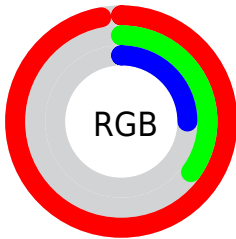
Format	Color
R _Y B	248, 93, 63
Decimal	16275775
CIE _{Lab}	59.40, 59.38, 47.19
CIE _{LCh}	59, 75.852, 38.475
Y _{xy}	27.4601, 0.5510, 0.3504
Android (android.graphics.Color)	4294465855 (0xFFFF8593F)
Y _{UV}	133.5770, -34.7945, 100.3490
Hunter-Lab	52.4024, 55.3837, 27.9390

Details

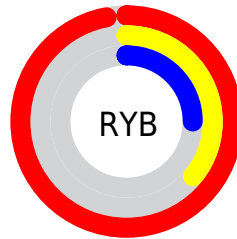
The Yxy color **27.4601, 0.5510, 0.3504** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **60.0700, 0.2220, 0.2956**, and the grayscale version is **23.7804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6807, 0.4613, 0.3627**, and **10.9230, 0.6187, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **24.1952, 0.5902, 0.3473**, and if you desaturate by 10%, it is **31.8794, 0.5071, 0.3508**.

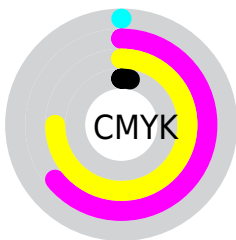
Distribution



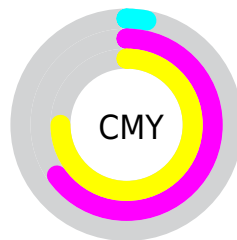
- Red (97%)
- Green (35%)
- Blue (25%)



- Red (97%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (3%)




- Cyan (3%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4601, 0.5510, 0.3504 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 27.4601, 0.5510, 0.3504 by changing the saturation by 10% instead.


 27.4601, 0.5510,
0.3504


 27.4601, 0.5510,
0.3504


289.8780, 0.4253,
0.3520


 17.9191, 0.5815,
0.3448


 55.6213, 0.5053,
0.3547

 10.8919, 0.6186,
0.3343


 75.0103, 0.4880,
0.3551


 5.9942, 0.6692,
0.3179

 98.4507, 0.4733,
0.3551

 2.8415, 0.7182,
0.2818

 126.3269, 0.4609,
0.3547

 1.0496, 0.7772,
0.2228

 159.0233, 0.4501,
0.3541

 0.0000, 1.0000,
0.0000

 196.9244, 0.4407,

 0.0000, 0.0000,

0.3534

0.0000

240.4145, 0.4325,
0.3527

■ 27.4601, 0.5510,
0.3504

■ 27.4601, 0.5510,
0.3504

■ 24.1952, 0.5902,
0.3473

■ 31.8794, 0.5071,
0.3508

■ 21.9705, 0.6188,
0.3418


■ 37.5438, 0.4638,
0.3491


■ 21.1505, 0.6292,
0.3386


■ 44.5400, 0.4245,
0.3460

■ 52.9459, 0.3907,
0.3423

■ 62.8330, 0.3624,
0.3383

 74.2682, 0.3392,
0.3343

 87.3141, 0.3202,
0.3306

 98.6961, 0.3084,
0.3290

Harmonies

Analogous

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



27.4601, 0.4918, 0.2775



27.4601, 0.5510, 0.3504



27.4601, 0.5242, 0.4310

Triad

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



27.4601, 0.5510, 0.3504



27.4601, 0.2298, 0.5039



27.4601, 0.1664, 0.1581

Complementary

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



27.4601, 0.5510, 0.3504



60.0700, 0.2220, 0.2956

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.



27.4601, 0.1269, 0.1747



27.4601, 0.5510, 0.3504



27.4601, 0.1530, 0.3537

Square

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



27.4601, 0.5510, 0.3504



27.4601, 0.3357, 0.5656



27.4601, 0.1213, 0.2339



27.4601, 0.2464, 0.1726

Rectangle

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



27.4601, 0.5510, 0.3504



27.4601, 0.4730, 0.4885



27.4601, 0.1213, 0.2339



27.4601, 0.1492, 0.1599

Sweetspot

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



27.4617, 0.5510, 0.3504



69.9017, 0.3560, 0.3372



28.8569, 0.3463, 0.1856



14.2907, 0.3628, 0.3383



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.



27.4617, 0.5510, 0.3504



24.3351, 0.6076, 0.3445



53.0245, 0.4626, 0.4383



17.6187, 0.3291, 0.3324



11.5430, 0.6273, 0.3401



1.1853, 0.6083, 0.3552

Inverse Universe

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



60.0700, 0.2220, 0.2956



60.0656, 0.2146, 0.2878



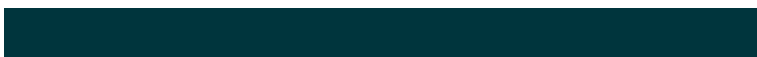
24.0218, 0.1893, 0.1678



19.1680, 0.2980, 0.3256



29.5613, 0.2122, 0.2838



2.8485, 0.2138, 0.2897

Previews

White Background



This preview shows how the Yxy color 27.4601, 0.5510, 0.3504 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 27.4601, 0.5510, 0.3504 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 27.4601, 0.5510, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 27.4601, 0.5510, 0.3504.



This preview shows how white text looks on a background with the Yxy color 27.4601, 0.5510, 0.3504.

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

27.4601, 0.5510, 0.3504

Protanopia

27.4932, 0.3938, 0.4268

Deuteranopia

27.4400, 0.4481, 0.4389



Tritanopia

27.3749, 0.5247, 0.3253

Trichromacy



Original Color

27.4601, 0.5510, 0.3504

Protanomaly

25.7367, 0.4556, 0.3934

Deuteranomaly

26.3165, 0.4907, 0.4008

Tritanomaly

27.3745, 0.5361, 0.3347

Monochromacy



Original Color

27.4601, 0.5510, 0.3504

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1535, 0.3994, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4601, 0.5510, 0.3504 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(248, 89, 63)` looks like.

```
.text, #text, p{  
    color:rgb(248, 89, 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(248, 89, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 89, 63) }
```

Border

The CSS property to change the border of an element to Yxy 27.4601, 0.5510, 0.3504 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(248, 89, 63) }
```

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

```
.border{ border-color:rgb(248, 89, 63) }
```

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

Here you see how a box with a 4 pixel rgb(248, 89, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 89, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 89, 63);  
box-shadow:4px 4px 4px 4px rgb(248, 89,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4601, 0.5510, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 89, 63) }
```

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

```
.background{ background-color: rgb(248, 89,  
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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