

Converting Colors

$Yxy(25.9878, 0.5479, 0.3310)$

Have a look what the booklet for
Yxy(25.9878, 0.5479, 0.3310)
contains.

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Color

Yxy(25.9693, 0.5476, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	F94D4C
RGB	249, 77, 76
RGB Percent	98%, 30%, 30%
CMY	0.0235, 0.6981, 0.7020
CMYK	0.00, 0.69, 0.69, 0.02
HSL	0°, 94%, 64%
HSV	0°, 69%, 98%
XYZ	43.0281, 25.9693, 9.5784
YIQ	128.3140, 102.8330, 36.1530

Conversions

Conversions Part 2

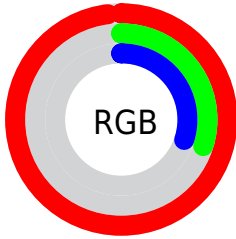
Format	Color
R_{YB}	249, 77, 76
Decimal	16338252
CIE _{Lab}	58.01, 64.92, 38.65
CIE _{LCh}	58, 75.555, 30.768
Yxy	25.9693, 0.5476, 0.3305
Android (android.graphics.Color)	4294528332 (0xFFFF94D4C)
YUV	128.3140, -25.7908, 105.8416
Hunter-Lab	50.9601, 61.5362, 24.5280

Details

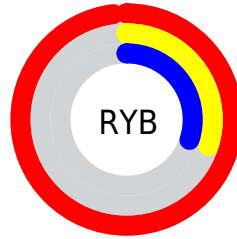
The Yxy color **25.9693, 0.5476, 0.3305** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **75.5075, 0.2327, 0.3275**, and the grayscale version is **21.7651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0686, 0.4543, 0.3396**, and **10.4132, 0.6155, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **22.8593, 0.5915, 0.3305**, and if you desaturate by 10%, it is **30.5333, 0.4993, 0.3304**.

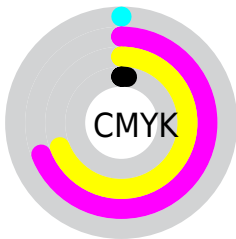
Distribution



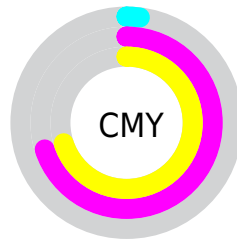
- Red (98%)
- Green (30%)
- Blue (30%)



- Red (98%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (69%)
- Yellow (69%)
- Black (2%)




- Cyan (2%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9693, 0.5476, 0.3305 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 25.9693, 0.5476, 0.3305 by changing the saturation by 10% instead.

 25.9693, 0.5476,
0.3305


 25.9693, 0.5476,
0.3305

282.6313, 0.4211,
0.3404


 16.8007, 0.5798,
0.3236


 53.2254, 0.5006,
0.3372


 10.0925, 0.6201,
0.3119


 72.0817, 0.4831,
0.3388


 5.4603, 0.6717,
0.2922

 94.9360, 0.4685,
0.3397

 2.5198, 0.7406,
0.2594

 122.1727, 0.4561,
0.3402

 0.8865, 0.8038,
0.1962

 154.1762, 0.4455,
0.3405

 0.0000, 1.0000,
0.0000

191.3308, 0.4362,

 0.0000, 0.0000,

0.3406

0.0000

234.0211, 0.4282,
0.3405

■ 25.9693, 0.5476,
0.3305

■ 25.9693, 0.5476,
0.3305

■ 22.8593, 0.5915,
0.3305

■ 30.5333, 0.4993,
0.3304

■ 21.0237, 0.6232,
0.3303

■ 36.6943, 0.4530,
0.3302

■ 20.2041, 0.6392,
0.3302


■ 44.5835, 0.4125,
0.3299


■ 20.1737, 0.6398,
0.3302

■ 54.3172, 0.3787,
0.3297

■ 66.0015, 0.3513,
0.3294

 79.7346, 0.3294,
0.3292

 95.6080, 0.3119,
0.3290

 98.8820, 0.3090,
0.3290

Harmonies

Analogous

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



25.9693, 0.4657, 0.2590



25.9693, 0.5476, 0.3305



25.9693, 0.5403, 0.4094

Triad

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



25.9693, 0.5476, 0.3305



25.9693, 0.2544, 0.5360



25.9693, 0.1510, 0.1574

Complementary

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



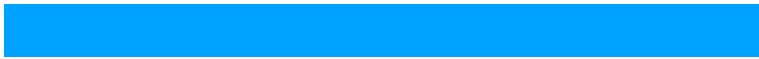
25.9693, 0.5476, 0.3305



75.5075, 0.2327, 0.3275

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.



25.9693, 0.1205, 0.1833



25.9693, 0.5476, 0.3305



25.9693, 0.1665, 0.3941

Square

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



25.9693, 0.5476, 0.3305



25.9693, 0.3636, 0.5636



25.9693, 0.1235, 0.2572



25.9693, 0.2203, 0.1645

Rectangle

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



25.9693, 0.5476, 0.3305



25.9693, 0.4965, 0.4670



25.9693, 0.1235, 0.2572



25.9693, 0.1370, 0.1619

Sweetspot

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



25.9708, 0.5476, 0.3305



67.6290, 0.3551, 0.3295



32.1484, 0.3199, 0.1751



13.7197, 0.3624, 0.3295



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.



25.9708, 0.5476, 0.3305



23.2830, 0.6047, 0.3305



46.6792, 0.4720, 0.4128



17.2415, 0.3294, 0.3292



10.8046, 0.6397, 0.3303



1.0063, 0.6386, 0.3311

Inverse Universe

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



75.5075, 0.2327, 0.3275



78.4698, 0.2270, 0.3273



34.3917, 0.2042, 0.2123



19.5900, 0.2980, 0.3288



39.4529, 0.2242, 0.3270



3.6595, 0.2242, 0.3272

Previews

White Background



This preview shows how the Yxy color 25.9693, 0.5476, 0.3305 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 25.9693, 0.5476, 0.3305 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 25.9693, 0.5476, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 25.9693, 0.5476, 0.3305.



This preview shows how white text looks on a background with the Yxy color 25.9693, 0.5476, 0.3305.

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

25.9693, 0.5476, 0.3305

Protanopia

26.2363, 0.3684, 0.3962

Deuteranopia

25.9391, 0.4319, 0.4246



Tritanopia

25.8878, 0.5435, 0.3264

Trichromacy



Original Color

25.9693, 0.5476, 0.3305

Protanomaly

24.0427, 0.4368, 0.3653

Deuteranomaly

24.5318, 0.4797, 0.3817

Tritanomaly

25.8731, 0.5447, 0.3273

Monochromacy



Original Color

25.9693, 0.5476, 0.3305

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8121, 0.3993, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9693, 0.5476, 0.3305 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, 77, 76)` looks like.

```
.text, #text, p{  
    color:rgb(249, 77, 76)  
}
```

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, 77, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 77, 76) }
```

Border

The CSS property to change the border of an element to Yxy 25.9693, 0.5476, 0.3305 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, 77, 76) }
```

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

```
.border{ border-color:rgb(249, 77, 76) }
```

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

Here you see how a box with a 4 pixel rgb(249, 77, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 77, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 77, 76);  
box-shadow:4px 4px 4px 4px rgb(249, 77,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9693, 0.5476, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 77, 76) }
```

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

```
.background{ background-color: rgb(249, 77,  
76) }
```

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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