

Converting Colors

$Y_{xy}(26.1396, 0.5853, 0.3538)$

Have a look what the booklet for
Yxy(26.1396, 0.5853, 0.3538)
contains.

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Color

Yxy(25.9979, 0.5854, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FC4C25
RGB	252, 76, 37
RGB Percent	99%, 30%, 15%
CMY	0.0118, 0.7019, 0.8547
CMYK	0.00, 0.70, 0.85, 0.01
HSL	11°, 97%, 57%
HSV	11°, 85%, 99%
XYZ	43.0650, 25.9979, 4.5022
YIQ	124.1780, 117.4150, 25.1830

Conversions

Conversions Part 2

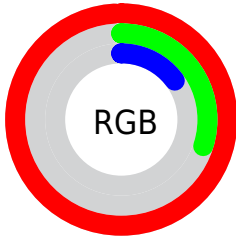
Format	Color
RYB	252, 85, 37
Decimal	16534565
CIELab	58.04, 64.91, 58.49
CIELCh	58, 87.376, 42.019
Yxy	25.9979, 0.5854, 0.3534
Android (android.graphics.Color)	4294724645 (0xFFFC4C25)
YUV	124.1780, -42.9788, 112.0999
Hunter-Lab	50.9881, 61.5333, 30.4565

Details

The Yxy color **25.9979, 0.5854, 0.3534** 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 **55.0335, 0.2132, 0.2784**, and the grayscale version is **20.3379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9983, 0.4936, 0.3739**, and **10.4391, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.4901, 0.6138, 0.3466**, and if you desaturate by 10%, it is **29.5291, 0.5473, 0.3571**.

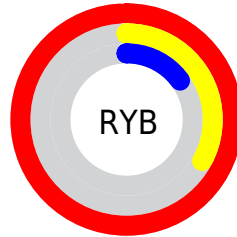
Distribution



Red (99%)

Green (30%)

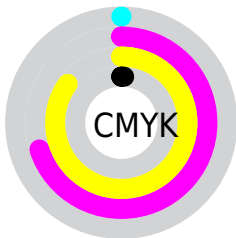
Blue (15%)



Red (99%)

Yellow (33%)

Blue (15%)

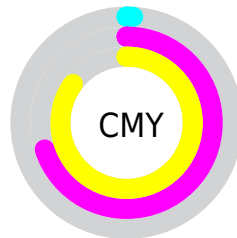


Cyan (0%)

Magenta (70%)

Yellow (85%)

Black (1%)



Cyan (1%)


Magenta (70%)

Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9979, 0.5854, 0.3534 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 25.9979, 0.5854, 0.3534 by changing the saturation by 10% instead.


 25.9979, 0.5854,
0.3534


 25.9979, 0.5854,
0.3534


282.7718, 0.4449,
0.3597


 16.8221, 0.6167,
0.3443


 53.2716, 0.5361,
0.3612


 10.1077, 0.6545,
0.3293


 72.1382, 0.5168,
0.3624


 5.4704, 0.6967,
0.3033

 95.0038, 0.5003,
0.3628

 2.5258, 0.7404,
0.2596

 122.2530, 0.4860,
0.3626

 0.8895, 0.8036,
0.1964

 154.2699, 0.4737,
0.3621

 0.0000, 1.0000,
0.0000

 191.4391, 0.4628,

 0.0000, 0.0000,

0.3614

0.0000

234.1449, 0.4533,
0.3605

■ 25.9979, 0.5854,
0.3534

■ 25.9979, 0.5854,
0.3534

■ 23.4901, 0.6138,
0.3466

■ 29.5291, 0.5473,
0.3571

■ 22.6247, 0.6235,
0.3431

■ 34.1772, 0.5049,
0.3574

■ 40.0297, 0.4630,
0.3552

■ 47.1638, 0.4248,
0.3512

■ 55.6503, 0.3916,
0.3464

65.5548, 0.3637,
0.3413

76.9383, 0.3405,
0.3362

89.8586, 0.3214,
0.3314

99.4361, 0.3109,
0.3290

Harmonies

Analogous

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



25.9979, 0.5346, 0.2760



25.9979, 0.5854, 0.3534



25.9979, 0.5368, 0.4427

Triad

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



25.9979, 0.5854, 0.3534



25.9979, 0.2004, 0.5212



25.9979, 0.1561, 0.1391

Complementary

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



25.9979, 0.5854, 0.3534



55.0335, 0.2132, 0.2784

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.



25.9979, 0.1100, 0.1508



25.9979, 0.5854, 0.3534



25.9979, 0.1245, 0.3337

Square

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



25.9979, 0.5854, 0.3534



25.9979, 0.3144, 0.6071



25.9979, 0.0989, 0.2059



25.9979, 0.2495, 0.1584

Rectangle

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



25.9979, 0.5854, 0.3534



25.9979, 0.4716, 0.5109



25.9979, 0.0989, 0.2059



25.9979, 0.1363, 0.1393

Sweetspot

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



25.9995, 0.5854, 0.3534



66.5622, 0.3655, 0.3416



26.9891, 0.3604, 0.1827



13.4641, 0.3747, 0.3434



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.



25.9995, 0.5854, 0.3534



23.2309, 0.6236, 0.3431



53.6143, 0.4756, 0.4483



17.7338, 0.3290, 0.3334



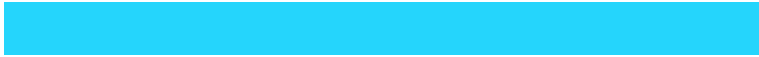
11.9360, 0.6211, 0.3450



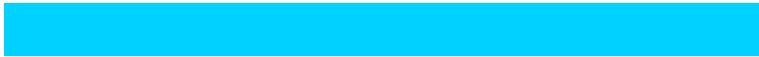
1.2399, 0.6002, 0.3617

Inverse Universe

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



55.0335, 0.2132, 0.2784



52.7148, 0.2080, 0.2688



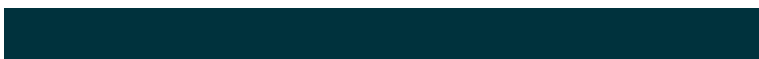
18.2956, 0.1742, 0.1341



19.0420, 0.2980, 0.3246



26.9377, 0.2083, 0.2699



2.6295, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 25.9979, 0.5854, 0.3534 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 25.9979, 0.5854, 0.3534 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 25.9979, 0.5854, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 25.9979, 0.5854, 0.3534.



This preview shows how white text looks on a background with the Yxy color 25.9979, 0.5854, 0.3534.

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

25.9979, 0.5854, 0.3534

Protanopia

26.0811, 0.4166, 0.4579

Deuteranopia

26.1222, 0.4712, 0.4641



Tritanopia

26.0254, 0.5548, 0.3275

Trichromacy



Original Color

25.9979, 0.5854, 0.3534

Protanomaly

24.0042, 0.4874, 0.4125

Deuteranomaly

24.4548, 0.5241, 0.4166

Tritanomaly

25.9847, 0.5691, 0.3382

Monochromacy



Original Color

25.9979, 0.5854, 0.3534

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.9460, 0.4234, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9979, 0.5854, 0.3534 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(252, 76, 37)` looks like.

```
.text, #text, p{  
    color:rgb(252, 76, 37)  
}
```

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(252, 76, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 76, 37) }
```

Border

The CSS property to change the border of an element to Yxy 25.9979, 0.5854, 0.3534 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(252, 76, 37) }
```

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

```
.border{ border-color:rgb(252, 76, 37) }
```

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

Here you see how a box with a 4 pixel rgb(252, 76, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 76, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 76, 37);  
box-shadow:4px 4px 4px 4px rgb(252, 76,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9979, 0.5854, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 76, 37) }
```

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

```
.background{ background-color: rgb(252, 76,  
37) }
```

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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