

Converting Colors

$Y_{xy}(25.6071, 0.5689, 0.3401)$

Have a look what the booklet for
Yxy(25.6071, 0.5689, 0.3401)
contains.

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Color

Yxy(25.5373, 0.5687, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	FA4A3B
RGB	250, 74, 59
RGB Percent	98%, 29%, 23%
CMY	0.0196, 0.7098, 0.7686
CMYK	0.00, 0.70, 0.76, 0.02
HSL	5°, 95%, 61%
HSV	5°, 76%, 98%
XYZ	42.6647, 25.5373, 6.8194
YIQ	124.9140, 109.7110, 32.6470

Conversions

Conversions Part 2

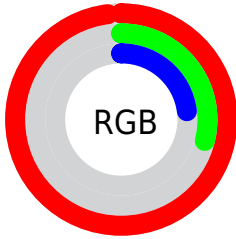
Format	Color
R_{YB}	250, 75, 59
Decimal	16403003
CIE _{Lab}	57.60, 65.62, 47.46
CIE _{LCh}	58, 80.982, 35.880
Yxy	25.5373, 0.5687, 0.3404
Android (android.graphics.Color)	4294593083 (0xFFFA4A3B)
YUV	124.9140, -32.4956, 109.7004
Hunter-Lab	50.5344, 62.2669, 27.3731

Details

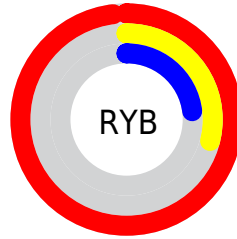
The Yxy color **25.5373, 0.5687, 0.3404** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **67.2583, 0.2249, 0.3101**, and the grayscale version is **20.5624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1178, 0.4739, 0.3542**, and **10.3433, 0.6326, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **22.8052, 0.6062, 0.3380**, and if you desaturate by 10%, it is **29.5222, 0.5236, 0.3412**.

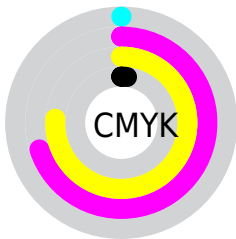
Distribution



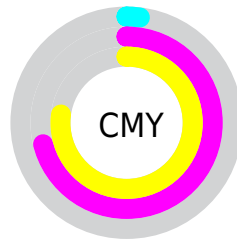
- Red (98%)
- Green (29%)
- Blue (23%)



- Red (98%)
- Yellow (29%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (76%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5373, 0.5687, 0.3404 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 25.5373, 0.5687, 0.3404 by changing the saturation by 10% instead.


 25.5373, 0.5687,
0.3404


 25.5373, 0.5687,
0.3404


280.5033, 0.4328,
0.3487


 16.4778, 0.6015,
0.3324


 52.5275, 0.5193,
0.3476

 9.8629, 0.6413,
0.3187


 71.2271, 0.5005,
0.3490

 5.3081, 0.6998,
0.2998

 93.9088, 0.4847,
0.3497

 2.4292, 0.7447,
0.2553

 120.9570, 0.4712,
0.3499

 0.8408, 0.8090,
0.1910

 152.7562, 0.4596,
0.3498

 0.0000, 1.0000,
0.0000


 189.6907, 0.4495,


 0.0000, 0.0000,


0.3495


0.0000


232.1449, 0.4406,
0.3492


 25.5373, 0.5687,
0.3404


 25.5373, 0.5687,
0.3404

 22.8052, 0.6062,
0.3380


 29.5222, 0.5236,
0.3412


 21.1719, 0.6301,
0.3344


 34.8813, 0.4776,
0.3406


 20.8123, 0.6357,
0.3335

 41.7267, 0.4352,
0.3390

 50.1576, 0.3987,
0.3369

 60.2649, 0.3683,
0.3347

 72.1322, 0.3435,
0.3324

 85.8380, 0.3235,
0.3303

 99.0652, 0.3096,
0.3290

Harmonies

Analogous

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



25.5373, 0.4980, 0.2657



25.5373, 0.5687, 0.3404



25.5373, 0.5426, 0.4239

Triad

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



25.5373, 0.5687, 0.3404



25.5373, 0.2295, 0.5351



25.5373, 0.1514, 0.1474

Complementary

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



25.5373, 0.5687, 0.3404



67.2583, 0.2249, 0.3101

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.



25.5373, 0.1139, 0.1667



25.5373, 0.5687, 0.3404



25.5373, 0.1456, 0.3688

Square

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



25.5373, 0.5687, 0.3404



25.5373, 0.3424, 0.5858



25.5373, 0.1103, 0.2326



25.5373, 0.2312, 0.1601

Rectangle

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



25.5373, 0.5687, 0.3404



25.5373, 0.4882, 0.4864



25.5373, 0.1103, 0.2326



25.5373, 0.1348, 0.1499

Sweetspot

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



25.5388, 0.5687, 0.3404



67.0130, 0.3593, 0.3339



29.5846, 0.3333, 0.1751



13.4326, 0.3690, 0.3347



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.



25.5388, 0.5687, 0.3404



22.7508, 0.6218, 0.3361



48.3671, 0.4783, 0.4278



17.4439, 0.3292, 0.3309



11.1168, 0.6343, 0.3345



1.1027, 0.6216, 0.3446

Inverse Universe

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



67.2583, 0.2249, 0.3101



67.7022, 0.2192, 0.3059



27.1119, 0.1914, 0.1808



19.3617, 0.2980, 0.3271



33.8904, 0.2179, 0.3042



3.2060, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 25.5373, 0.5687, 0.3404 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 25.5373, 0.5687, 0.3404 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 25.5373, 0.5687, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 25.5373, 0.5687, 0.3404.



This preview shows how white text looks on a background with the Yxy color 25.5373, 0.5687, 0.3404.

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

25.5373, 0.5687, 0.3404

Protanopia

25.7052, 0.3905, 0.4255

Deuteranopia

25.5840, 0.4501, 0.4433



Tritanopia

25.6520, 0.5536, 0.3274

Trichromacy



Original Color

25.5373, 0.5687, 0.3404

Protanomaly

23.4207, 0.4624, 0.3863

Deuteranomaly

24.0254, 0.5014, 0.3967

Tritanomaly

25.7040, 0.5597, 0.3327

Monochromacy



Original Color

25.5373, 0.5687, 0.3404

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7937, 0.4100, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5373, 0.5687, 0.3404 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(250, 74, 59)` looks like.

```
.text, #text, p{  
    color:rgb(250, 74, 59)  
}
```

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(250, 74, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 74, 59) }
```

Border

The CSS property to change the border of an element to Yxy 25.5373, 0.5687, 0.3404 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(250, 74, 59) }
```

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

```
.border{ border-color:rgb(250, 74, 59) }
```

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

Here you see how a box with a 4 pixel rgb(250, 74, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 74, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 74, 59);  
box-shadow:4px 4px 4px 4px rgb(250, 74,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5373, 0.5687, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 74, 59) }
```

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

```
.background{ background-color: rgb(250, 74,  
59) }
```

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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