

Converting Colors

$Y_{xy}(25.5134, 0.5378, 0.3050)$

Have a look what the booklet for
Yxy(25.5134, 0.5378, 0.3050)
contains.

Yxy(25.5134, 0.5378, 0.3050)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5134, 0.5378, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E5E
RGB	255, 62, 94
RGB Percent	100%, 24%, 37%
CMY	0.0000, 0.7569, 0.6313
CMYK	0.00, 0.76, 0.63, 0.00
HSL	350°, 100%, 62%
HSV	350°, 76%, 100%
XYZ	44.9872, 25.5134, 13.1499
YIQ	123.3550, 104.7560, 50.8680

Conversions

Conversions Part 2

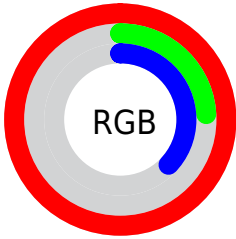
Format	Color
RYB	255, 62, 94
Decimal	16727646
CIELab	57.57, 72.54, 27.99
CIELCh	58, 77.752, 21.099
Yxy	25.5134, 0.5378, 0.3050
Android (android.graphics.Color)	4294917726 (0xFFFF3E5E)
YUV	123.3550, -14.4720, 115.4527
Hunter-Lab	50.5108, 70.5864, 19.9221

Details

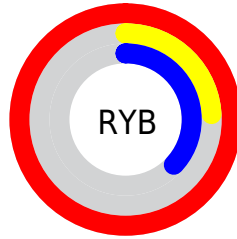
The Yxy color **25.5134, 0.5378, 0.3050** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **77.8694, 0.2419, 0.3690**, and the grayscale version is **19.9520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.9408, 0.4379, 0.3099**, and **11.2898, 0.5931, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **23.0295, 0.5779, 0.3089**, and if you desaturate by 10%, it is **29.4006, 0.4945, 0.3041**.

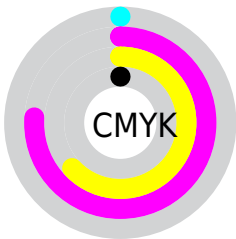
Distribution



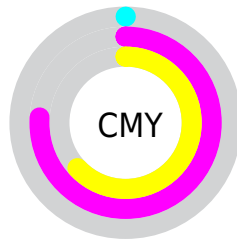
- Red (100%)
- Green (24%)
- Blue (37%)



- Red (100%)
- Yellow (24%)
- Blue (37%)



- Cyan (0%)
- Magenta (76%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5134, 0.5378, 0.3050 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 25.5134, 0.5378, 0.3050 by changing the saturation by 10% instead.


 25.5134, 0.5378,
0.3050


 25.5134, 0.5378,
0.3050


280.3851, 0.4152,
0.3256


 16.4600, 0.5702,
0.2965


 52.4889, 0.4915,
0.3149

 9.8502, 0.6118,
0.2836


 71.1797, 0.4746,
0.3179

 5.2998, 0.6661,
0.2631

 93.8519, 0.4605,
0.3201

 2.4242, 0.7510,
0.2335

 120.8896, 0.4486,
0.3218

 0.8383, 0.8273,
0.1727

 152.6774, 0.4384,
0.3231

 0.0000, 1.0000,
0.0000

189.5997, 0.4296,

 0.0000, 0.0000,

0.3241

0.0000

232.0408, 0.4220,
0.3250

■ 25.5134, 0.5378,
0.3050

■ 25.5134, 0.5378,
0.3050

■ 23.0295, 0.5779,
0.3089

■ 29.4006, 0.4945,
0.3041

■ 21.7425, 0.6092,
0.3156


■ 34.8616, 0.4529,
0.3058


■ 21.4295, 0.6195,
0.3186

■ 42.0406, 0.4158,
0.3091

■ 51.0659, 0.3845,
0.3133

■ 62.0534, 0.3586,
0.3179

 75.1098, 0.3377,
0.3224

 90.3339, 0.3208,
0.3267

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.5134, 0.4286, 0.2352



25.5134, 0.5378, 0.3050



25.5134, 0.5583, 0.3822

Triad

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



25.5134, 0.5378, 0.3050



25.5134, 0.2866, 0.5692



25.5134, 0.1332, 0.1574

Complementary

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



25.5134, 0.5378, 0.3050



77.8694, 0.2419, 0.3690

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.



25.5134, 0.1132, 0.1967



25.5134, 0.5378, 0.3050



25.5134, 0.1862, 0.4502

Square

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



25.5134, 0.5378, 0.3050



25.5134, 0.3989, 0.5538



25.5134, 0.1276, 0.2927



25.5134, 0.1898, 0.1550

Rectangle

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



25.5134, 0.5378, 0.3050



25.5134, 0.5252, 0.4393



25.5134, 0.1276, 0.2927



25.5134, 0.1229, 0.1657

Sweetspot

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



25.5128, 0.5378, 0.3050



65.3583, 0.3525, 0.3191



26.3254, 0.2890, 0.1517



13.0469, 0.3608, 0.3174



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.



25.5128, 0.5378, 0.3050



22.2128, 0.5960, 0.3122



36.6130, 0.5210, 0.3845



18.0363, 0.3268, 0.3251



11.2117, 0.6163, 0.3169



1.1048, 0.5884, 0.3015

Inverse Universe

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



25.5128, 0.5378, 0.3050



22.2128, 0.5960, 0.3122



45.3587, 0.2083, 0.2448



18.0363, 0.3268, 0.3251



11.2117, 0.6163, 0.3169



1.1048, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 25.5134, 0.5378, 0.3050 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 25.5134, 0.5378, 0.3050 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 25.5134, 0.5378, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 25.5134, 0.5378, 0.3050.



This preview shows how white text looks on a background with the Yxy color 25.5134, 0.5378, 0.3050.

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

25.5134, 0.5378, 0.3050

Protanopia

25.6126, 0.3320, 0.3491

Deuteranopia

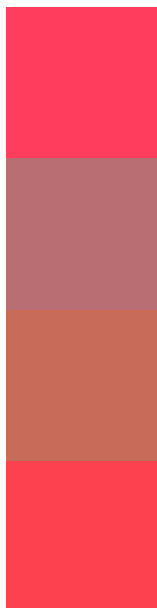
25.4675, 0.4101, 0.4017



Tritanopia

25.5148, 0.5656, 0.3283

Trichromacy



Original Color

25.5134, 0.5378, 0.3050

Protanomaly

22.5571, 0.4071, 0.3236

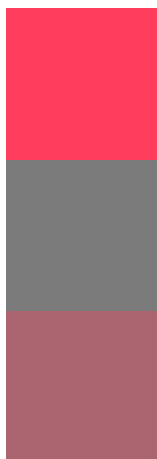
Deuteranomaly

23.4993, 0.4639, 0.3535

Tritanomaly

25.4015, 0.5564, 0.3202

Monochromacy



Original Color

25.5134, 0.5378, 0.3050

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1351, 0.3979, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5134, 0.5378, 0.3050 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(255, 62, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 94)  
}
```

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(255, 62, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.5134, 0.5378, 0.3050 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(255, 62, 94) }
```

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

```
.border{ border-color:rgb(255, 62, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5134, 0.5378, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 94) }
```

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

```
.background{ background-color: rgb(255, 62,  
94) }
```

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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