

Converting Colors

$Y_{xy}(25.2566, 0.5519, 0.3132)$

Have a look what the booklet for
Yxy(25.2566, 0.5519, 0.3132)
contains.

Yxy(25.2376, 0.5518, 0.3129)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.2376, 0.5518, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D54
RGB	255, 61, 84
RGB Percent	100%, 24%, 33%
CMY	0.0000, 0.7607, 0.6706
CMYK	0.00, 0.76, 0.67, 0.00
HSL	353°, 100%, 62%
HSV	353°, 76%, 100%
XYZ	44.5066, 25.2376, 10.9129
YIQ	121.6280, 108.2410, 48.2810

Conversions

Conversions Part 2

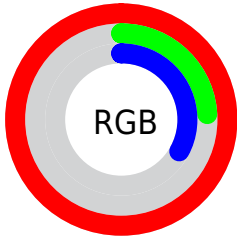
Format	Color
RYB	255, 61, 84
Decimal	16727380
CIELab	57.31, 72.29, 33.49
CIELCh	57, 79.673, 24.855
Yxy	25.2376, 0.5518, 0.3129
Android (android.graphics.Color)	4294917460 (0xFFFF3D54)
YUV	121.6280, -18.5506, 116.9672
Hunter-Lab	50.2370, 70.2240, 22.2865

Details

The Yxy color **25.2376, 0.5518, 0.3129** 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 **78.3345, 0.2383, 0.3572**, and the grayscale version is **19.3745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3688, 0.4515, 0.3203**, and **11.0936, 0.6065, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **22.8344, 0.5916, 0.3163**, and if you desaturate by 10%, it is **29.0494, 0.5070, 0.3118**.

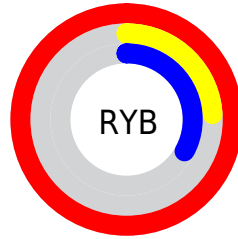
Distribution



Red (100%)

Green (24%)

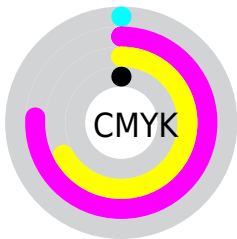
Blue (33%)



Red (100%)

Yellow (24%)

Blue (33%)

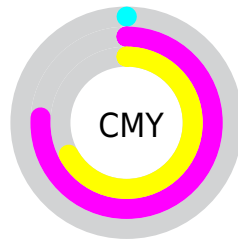


Cyan (0%)

Magenta (76%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2376, 0.5518, 0.3129 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 25.2376, 0.5518, 0.3129 by changing the saturation by 10% instead.


 25.2376, 0.5518,
0.3129


 25.2376, 0.5518,
0.3129


279.0191, 0.4221,
0.3312


 16.2542, 0.5854,
0.3043


 52.0424, 0.5032,
0.3225


 9.7042, 0.6279,
0.2908


 70.6326, 0.4853,
0.3251


 5.2033, 0.6821,
0.2688

 93.1938, 0.4704,
0.3271

 2.3670, 0.7636,
0.2364

 120.1104, 0.4577,
0.3285

 0.8088, 0.8290,
0.1710

 151.7669, 0.4469,
0.3295

 0.0000, 1.0000,
0.0000

188.5476, 0.4375,

 0.0000, 0.0000,

0.3302

0.0000

230.8369, 0.4293,
0.3308

■ 25.2376, 0.5518,
0.3129

■ 25.2376, 0.5518,
0.3129

■ 22.8344, 0.5916,
0.3163

■ 29.0494, 0.5070,
0.3118

■ 21.6228, 0.6204,
0.3216

■ 34.4369, 0.4630,
0.3127


■ 21.3530, 0.6284,
0.3235

■ 41.5487, 0.4234,
0.3148

■ 50.5151, 0.3898,
0.3178

■ 61.4536, 0.3622,
0.3210

 74.4722, 0.3398,
0.3242

 89.6710, 0.3218,
0.3272

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



25.2376, 0.4490, 0.2412



25.2376, 0.5518, 0.3129



25.2376, 0.5595, 0.3920

Triad

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



25.2376, 0.5518, 0.3129



25.2376, 0.2706, 0.5691



25.2376, 0.1348, 0.1519

Complementary

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



25.2376, 0.5518, 0.3129



78.3345, 0.2383, 0.3572

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.



25.2376, 0.1103, 0.1858



25.2376, 0.5518, 0.3129



25.2376, 0.1725, 0.4322

Square

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



25.2376, 0.5518, 0.3129



25.2376, 0.3849, 0.5667



25.2376, 0.1198, 0.2747



25.2376, 0.1974, 0.1535

Rectangle

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



25.2376, 0.5518, 0.3129



25.2376, 0.5193, 0.4512



25.2376, 0.1198, 0.2747



25.2376, 0.1229, 0.1586

Sweetspot

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



25.2391, 0.5518, 0.3129



65.2238, 0.3548, 0.3220



27.2395, 0.2952, 0.1544



13.0152, 0.3635, 0.3208



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.



25.2391, 0.5518, 0.3129



22.1048, 0.6075, 0.3188



38.1386, 0.5158, 0.3907



18.0221, 0.3276, 0.3262



11.1693, 0.6258, 0.3221



1.0982, 0.6021, 0.3090

Inverse Universe

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



25.2391, 0.5518, 0.3129



22.1048, 0.6075, 0.3188



42.4403, 0.2056, 0.2353



18.0221, 0.3276, 0.3262



11.1693, 0.6258, 0.3221



1.0982, 0.6021, 0.3090

Previews

White Background



This preview shows how the Yxy color 25.2376, 0.5518, 0.3129 looks on a white background.

Color Contrast Check

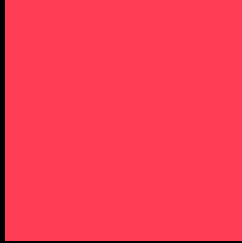
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2376, 0.5518, 0.3129 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 25.2376, 0.5518, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 25.2376, 0.5518, 0.3129.



This preview shows how white text looks on a background with the Yxy color 25.2376, 0.5518, 0.3129.

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

25.2376, 0.5518, 0.3129

Protanopia

25.5029, 0.3472, 0.3693

Deuteranopia

25.1620, 0.4225, 0.4135



Tritanopia

25.1310, 0.5709, 0.3284

Trichromacy



Original Color

25.2376, 0.5518, 0.3129

Protanomaly

22.5702, 0.4249, 0.3392

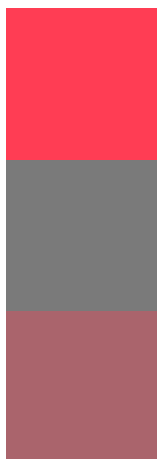
Deuteranomaly

23.1375, 0.4775, 0.3640

Tritanomaly

25.1069, 0.5637, 0.3227

Monochromacy



Original Color

25.2376, 0.5518, 0.3129

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7431, 0.4032, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2376, 0.5518, 0.3129 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, 61, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 84)  
}
```

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, 61, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 84) }
```

Border

The CSS property to change the border of an element to Yxy 25.2376, 0.5518, 0.3129 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, 61, 84) }
```

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

```
.border{ border-color:rgb(255, 61, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2376, 0.5518, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 84) }
```

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

```
.background{ background-color: rgb(255, 61,  
84) }
```

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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