

Converting Colors

$Y_{xy}(25.2033, 0.5386, 0.3027)$

Have a look what the booklet for
Yxy(25.2033, 0.5386, 0.3027)
contains.

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Color

Yxy(25.2142, 0.5379, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B5F
RGB	255, 59, 95
RGB Percent	100%, 23%, 37%
CMY	0.0001, 0.7684, 0.6275
CMYK	0.00, 0.77, 0.63, 0.00
HSL	349°, 100%, 62%
HSV	349°, 77%, 100%
XYZ	44.8651, 25.2142, 13.3286
YIQ	121.7080, 105.2600, 52.7480

Conversions

Conversions Part 2

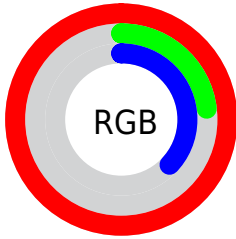
Format	Color
RYB	255, 59, 95
Decimal	16726879
CIELab	57.28, 73.43, 27.05
CIELCh	57, 78.253, 20.220
Yxy	25.2142, 0.5379, 0.3023
Android (android.graphics.Color)	4294916959 (0xFFFF3B5F)
YUV	121.7080, -13.1670, 116.8971
Hunter-Lab	50.2137, 71.6126, 19.4119

Details

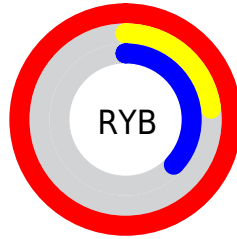
The Yxy color **25.2142, 0.5379, 0.3023** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **77.5564, 0.2429, 0.3742**, and the grayscale version is **19.3871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4703, 0.4376, 0.3069**, and **11.2981, 0.5915, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **22.8720, 0.5772, 0.3067**, and if you desaturate by 10%, it is **28.9391, 0.4953, 0.3012**.

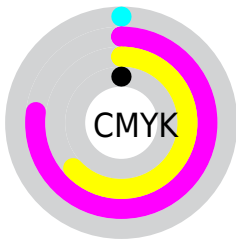
Distribution



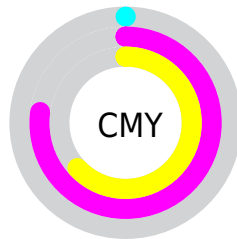
- Red (100%)
- Green (23%)
- Blue (37%)



- Red (100%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (77%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2142, 0.5379, 0.3023 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 25.2142, 0.5379, 0.3023 by changing the saturation by 10% instead.


 25.2142, 0.5379,
0.3023


 25.2142, 0.5379,
0.3023


278.9030, 0.4150,
0.3242


 16.2367, 0.5705,
0.2936


 52.0045, 0.4915,
0.3126

 9.6918, 0.6124,
0.2803


 70.5861, 0.4745,
0.3158


 5.1951, 0.6674,
0.2594

 93.1379, 0.4603,
0.3181

 2.3622, 0.7523,
0.2290

 120.0442, 0.4484,
0.3200

 0.8063, 0.8319,
0.1681

 151.6895, 0.4382,
0.3214

 0.0000, 1.0000,
0.0000


188.4581, 0.4294,


 0.0000, 0.0000,


0.3225


0.0000


230.7345, 0.4218,
0.3235


 25.2142, 0.5379,
0.3023


 25.2142, 0.5379,
0.3023


 22.8720, 0.5772,
0.3067

 28.9391, 0.4953,
0.3012

 21.6919, 0.6078,
0.3141


 34.2137, 0.4542,
0.3029

 21.4603, 0.6156,
0.3165

 41.1861, 0.4175,
0.3065

 49.9858, 0.3862,
0.3111

 60.7297, 0.3603,
0.3161

 73.5247, 0.3393,
0.3211

 88.4702, 0.3224,
0.3259

99.9968, 0.3127,
0.3290

Harmonies

Analogous

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



25.2142, 0.4256, 0.2325



25.2142, 0.5379, 0.3023



25.2142, 0.5610, 0.3796

Triad

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



25.2142, 0.5379, 0.3023



25.2142, 0.2892, 0.5734



25.2142, 0.1309, 0.1567

Complementary

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



25.2142, 0.5379, 0.3023



77.5564, 0.2429, 0.3742

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.



25.2142, 0.1118, 0.1973



25.2142, 0.5379, 0.3023



25.2142, 0.1874, 0.4565

Square

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



25.2142, 0.5379, 0.3023



25.2142, 0.4022, 0.5535



25.2142, 0.1272, 0.2960



25.2142, 0.1865, 0.1534

Rectangle

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



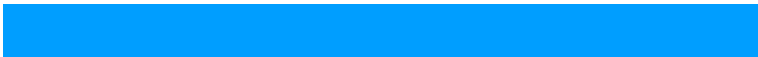
25.2142, 0.5379, 0.3023



25.2142, 0.5286, 0.4368



25.2142, 0.1272, 0.2960



25.2142, 0.1208, 0.1653

Sweetspot

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



25.2157, 0.5379, 0.3023



65.4084, 0.3517, 0.3180



24.9194, 0.2821, 0.1469



13.0587, 0.3598, 0.3162



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.



25.2157, 0.5379, 0.3023



22.1385, 0.5943, 0.3103



34.4893, 0.5315, 0.3781



18.0415, 0.3265, 0.3247



11.2307, 0.6122, 0.3146



1.1074, 0.5832, 0.2987

Inverse Universe

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



25.2157, 0.5379, 0.3023



22.1385, 0.5943, 0.3103



47.7212, 0.2096, 0.2524



18.0415, 0.3265, 0.3247



11.2307, 0.6122, 0.3146



1.1074, 0.5832, 0.2987

Previews

White Background



This preview shows how the Yxy color 25.2142, 0.5379, 0.3023 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 25.2142, 0.5379, 0.3023 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 25.2142, 0.5379, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 25.2142, 0.5379, 0.3023.



This preview shows how white text looks on a background with the Yxy color 25.2142, 0.5379, 0.3023.

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

25.2142, 0.5379, 0.3023

Protanopia

25.2271, 0.3267, 0.3425

Deuteranopia

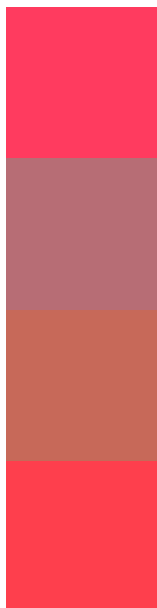
25.3739, 0.4078, 0.4006



Tritanopia

25.2567, 0.5692, 0.3284

Trichromacy



Original Color

25.2142, 0.5379, 0.3023

Protanomaly

22.2889, 0.4022, 0.3178

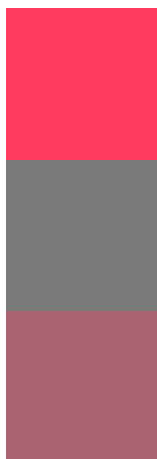
Deuteranomaly

22.9665, 0.4631, 0.3498

Tritanomaly

25.1617, 0.5589, 0.3197

Monochromacy



Original Color

25.2142, 0.5379, 0.3023

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6396, 0.3976, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2142, 0.5379, 0.3023 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, 59, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 95)  
}
```

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, 59, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.2142, 0.5379, 0.3023 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, 59, 95) }
```

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

```
.border{ border-color:rgb(255, 59, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2142, 0.5379, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 95) }
```

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

```
.background{ background-color: rgb(255, 59,  
95) }
```

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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