

Converting Colors

$Y_{xy}(25.0129, 0.5514, 0.3104)$

Have a look what the booklet for
Yxy(25.0129, 0.5514, 0.3104)
contains.

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Color

Yxy(25.0438, 0.5516, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B55
RGB	255, 59, 85
RGB Percent	100%, 23%, 33%
CMY	0.0000, 0.7687, 0.6666
CMYK	0.00, 0.77, 0.67, 0.00
HSL	352°, 100%, 62%
HSV	352°, 77%, 100%
XYZ	44.4471, 25.0438, 11.0876
YIQ	120.5680, 108.4700, 49.6380

Conversions

Conversions Part 2

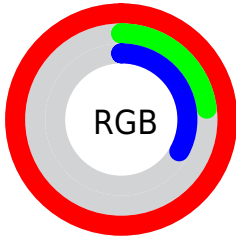
Format	Color
R_{YB}	255, 59, 85
Decimal	16726869
CIE _{Lab}	57.12, 72.93, 32.67
CIE _{LCh}	57, 79.915, 24.131
Yxy	25.0438, 0.5516, 0.3108
Android (android.graphics.Color)	4294916949 (0xFFFF3B55)
YUV	120.5680, -17.5350, 117.8969
Hunter-Lab	50.0438, 70.9607, 21.8945

Details

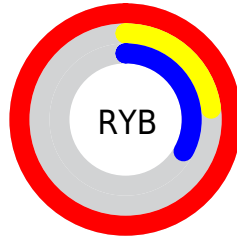
The Yxy color **25.0438, 0.5516, 0.3108** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **78.1058, 0.2391, 0.3611**, and the grayscale version is **19.0038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9283, 0.4502, 0.3162**, and **11.1004, 0.6051, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **22.7330, 0.5909, 0.3146**, and if you desaturate by 10%, it is **28.7416, 0.5073, 0.3095**.

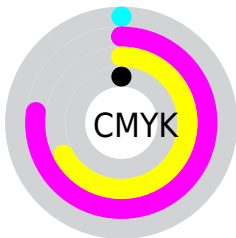
Distribution



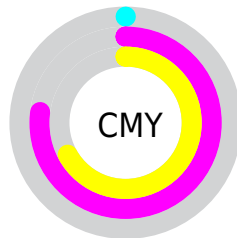
- Red (100%)
- Green (23%)
- Blue (33%)



- Red (100%)
- Yellow (23%)
- Blue (33%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0438, 0.5516, 0.3108 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 25.0438, 0.5516, 0.3108 by changing the saturation by 10% instead.


 25.0438, 0.5516,
0.3108


 25.0438, 0.5516,
0.3108


278.0560, 0.4218,
0.3301

 16.1097, 0.5853,
0.3020


 51.7283, 0.5029,
0.3207


 9.6018, 0.6281,
0.2883


 70.2474, 0.4850,
0.3235


 5.1358, 0.6828,
0.2661

 92.7304, 0.4700,
0.3255

 2.3271, 0.7663,
0.2337

 119.5615, 0.4574,
0.3270

 0.7880, 0.8322,
0.1678

 151.1253, 0.4465,
0.3281

 0.0000, 1.0000,
0.0000


187.8060, 0.4372,


 0.0000, 0.0000,


0.3289

0.0000


229.9881, 0.4290,
0.3296

 25.0438, 0.5516,
0.3108

 25.0438, 0.5516,
0.3108


 22.7330, 0.5909,
0.3146

 28.7416, 0.5073,
0.3095


 21.5921, 0.6194,
0.3205


 34.0017, 0.4637,
0.3104

 21.3746, 0.6260,
0.3222

 40.9718, 0.4244,
0.3128

 49.7827, 0.3910,
0.3161

 60.5526, 0.3633,
0.3197

 73.3898, 0.3410,
0.3233

 88.3946, 0.3230,
0.3268

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.



25.0438, 0.4464, 0.2392



25.0438, 0.5516, 0.3108



25.0438, 0.5614, 0.3898

Triad

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



25.0438, 0.5516, 0.3108



25.0438, 0.2729, 0.5724



25.0438, 0.1331, 0.1515

Complementary

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



25.0438, 0.5516, 0.3108



78.1058, 0.2391, 0.3611

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.



25.0438, 0.1094, 0.1865



25.0438, 0.5516, 0.3108



25.0438, 0.1737, 0.4371

Square

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



25.0438, 0.5516, 0.3108



25.0438, 0.3876, 0.5663



25.0438, 0.1197, 0.2774



25.0438, 0.1948, 0.1524

Rectangle

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



25.0438, 0.5516, 0.3108



25.0438, 0.5219, 0.4491



25.0438, 0.1197, 0.2774



25.0438, 0.1215, 0.1585

Sweetspot

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



25.0432, 0.5516, 0.3108



65.2641, 0.3541, 0.3211



26.9831, 0.2949, 0.1534



13.0247, 0.3627, 0.3198



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.



25.0432, 0.5516, 0.3108



22.0183, 0.6072, 0.3175



37.7713, 0.5185, 0.3907



18.0263, 0.3273, 0.3259



11.1807, 0.6232, 0.3207



1.1002, 0.5979, 0.3067

Inverse Universe

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



25.0432, 0.5516, 0.3108



22.0183, 0.6072, 0.3175



42.0705, 0.2049, 0.2342



18.0263, 0.3273, 0.3259



11.1807, 0.6232, 0.3207



1.1002, 0.5979, 0.3067

Previews

White Background



This preview shows how the Yxy color 25.0438, 0.5516, 0.3108 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 25.0438, 0.5516, 0.3108 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 25.0438, 0.5516, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 25.0438, 0.5516, 0.3108.



This preview shows how white text looks on a background with the Yxy color 25.0438, 0.5516, 0.3108.

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

25.0438, 0.5516, 0.3108

Protanopia

25.1720, 0.3442, 0.3644

Deuteranopia

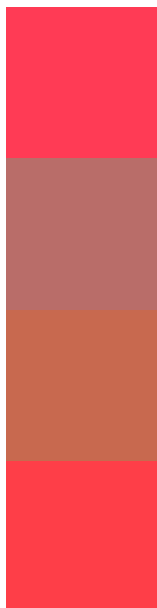
25.0654, 0.4203, 0.4126



Tritanopia

25.0075, 0.5727, 0.3284

Trichromacy



Original Color

25.0438, 0.5516, 0.3108

Protanomaly

22.2715, 0.4215, 0.3350

Deuteranomaly

22.9470, 0.4772, 0.3616

Tritanomaly

24.9840, 0.5655, 0.3228

Monochromacy



Original Color

25.0438, 0.5516, 0.3108

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3641, 0.4043, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0438, 0.5516, 0.3108 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, 85)` looks like.

```
.text, #text, p{  
  color:rgb(255, 59, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.0438, 0.5516, 0.3108 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, 85) }
```

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

```
.border{ border-color:rgb(255, 59, 85) }
```

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, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0438, 0.5516, 0.3108 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, 85) }
```

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

```
.background{ background-color: rgb(255, 59,  
85) }
```

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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