

Converting Colors

$Y_{xy}(25.3288, 0.5525, 0.3143)$

Have a look what the booklet for
Yxy(25.3288, 0.5525, 0.3143)
contains.

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Color

Yxy(25.3298, 0.5525, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E53
RGB	255, 62, 83
RGB Percent	100%, 24%, 33%
CMY	0.0000, 0.7569, 0.6743
CMYK	0.00, 0.76, 0.67, 0.00
HSL	353°, 100%, 62%
HSV	353°, 76%, 100%
XYZ	44.5266, 25.3298, 10.7347
YIQ	122.1010, 108.2870, 47.4470

Conversions

Conversions Part 2

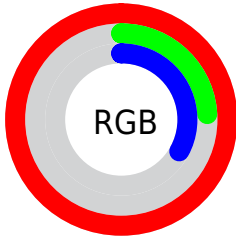
Format	Color
R_{YB}	255, 62, 83
Decimal	16727635
CIE _{Lab}	57.40, 71.97, 34.15
CIE _{LCh}	57, 79.659, 25.386
Yxy	25.3298, 0.5525, 0.3143
Android (android.graphics.Color)	4294917715 (0xFFFF3E53)
YUV	122.1010, -19.2768, 116.5524
Hunter-Lab	50.3287, 69.8465, 22.5840

Details

The Yxy color **25.3298, 0.5525, 0.3143** 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 **78.4822, 0.2377, 0.3547**, and the grayscale version is **19.5358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5932, 0.4522, 0.3223**, and **11.0871, 0.6079, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **22.8820, 0.5926, 0.3175**, and if you desaturate by 10%, it is **29.1935, 0.5074, 0.3133**.

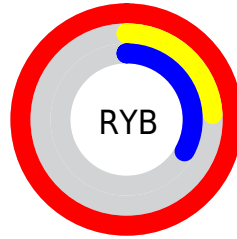
Distribution



Red (100%)

Green (24%)

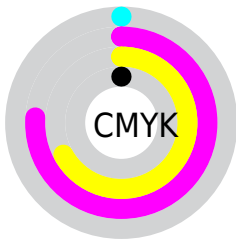
Blue (33%)



Red (100%)

Yellow (24%)

Blue (33%)

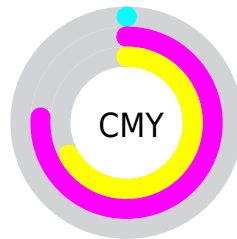


Cyan (0%)

Magenta (76%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3298, 0.5525, 0.3143 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 25.3298, 0.5525, 0.3143 by changing the saturation by 10% instead.


 25.3298, 0.5525,
0.3143


 25.3298, 0.5525,
0.3143


279.4764, 0.4226,
0.3321


 16.3229, 0.5860,
0.3058


 52.1918, 0.5039,
0.3237

 9.7530, 0.6285,
0.2923


 70.8156, 0.4860,
0.3263


 5.2355, 0.6824,
0.2704

 93.4140, 0.4710,
0.3282

 2.3861, 0.7623,
0.2377

 120.3712, 0.4583,
0.3295

 0.8187, 0.8274,
0.1726

 152.0716, 0.4474,
0.3305

 0.0000, 1.0000,
0.0000

188.8997, 0.4380,

 0.0000, 0.0000,

0.3312

0.0000

231.2398, 0.4298,
0.3317

■ 25.3298, 0.5525,
0.3143

■ 25.3298, 0.5525,
0.3143

■ 22.8820, 0.5926,
0.3175

■ 29.1935, 0.5074,
0.3133

■ 21.6368, 0.6213,
0.3224


■ 34.6417, 0.4630,
0.3141


■ 21.3429, 0.6298,
0.3243

■ 41.8219, 0.4233,
0.3161

■ 50.8642, 0.3895,
0.3188

■ 61.8858, 0.3617,
0.3217

 74.9948, 0.3393,
0.3247

 90.2911, 0.3213,
0.3275

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.



25.3298, 0.4513, 0.2425



25.3298, 0.5525, 0.3143



25.3298, 0.5585, 0.3935

Triad

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



25.3298, 0.5525, 0.3143



25.3298, 0.2687, 0.5675



25.3298, 0.1357, 0.1518

Complementary

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



25.3298, 0.5525, 0.3143



78.4822, 0.2377, 0.3547

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.



25.3298, 0.1106, 0.1849



25.3298, 0.5525, 0.3143



25.3298, 0.1713, 0.4290

Square

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



25.3298, 0.5525, 0.3143



25.3298, 0.3829, 0.5675



25.3298, 0.1195, 0.2726



25.3298, 0.1990, 0.1539

Rectangle

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



25.3298, 0.5525, 0.3143



25.3298, 0.5177, 0.4528



25.3298, 0.1195, 0.2726



25.3298, 0.1236, 0.1583

Sweetspot

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



25.3305, 0.5525, 0.3143



65.1976, 0.3552, 0.3225



27.9021, 0.2984, 0.1565



13.0091, 0.3641, 0.3215



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.



25.3305, 0.5525, 0.3143



22.0863, 0.6096, 0.3199



39.2116, 0.5113, 0.3938



18.0193, 0.3277, 0.3264



11.1624, 0.6274, 0.3230



1.0969, 0.6049, 0.3106

Inverse Universe

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



25.3305, 0.5525, 0.3143



22.0863, 0.6096, 0.3199



41.2988, 0.2048, 0.2313



18.0193, 0.3277, 0.3264



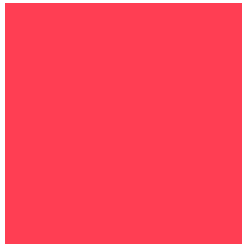
11.1624, 0.6274, 0.3230



1.0969, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 25.3298, 0.5525, 0.3143 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 25.3298, 0.5525, 0.3143 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 25.3298, 0.5525, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 25.3298, 0.5525, 0.3143.



This preview shows how white text looks on a background with the Yxy color 25.3298, 0.5525, 0.3143.

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

25.3298, 0.5525, 0.3143

Protanopia

25.4578, 0.3494, 0.3727

Deuteranopia

25.4186, 0.4226, 0.4161



Tritanopia

25.2567, 0.5692, 0.3284

Trichromacy



Original Color

25.3298, 0.5525, 0.3143

Protanomaly

22.5305, 0.4277, 0.3420

Deuteranomaly

23.3306, 0.4777, 0.3664

Tritanomaly

25.2187, 0.5630, 0.3234

Monochromacy



Original Color

25.3298, 0.5525, 0.3143

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 25.3298, 0.5525, 0.3143 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 83) }
```

Border

The CSS property to change the border of an element to Yxy 25.3298, 0.5525, 0.3143 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, 83) }
```

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

```
.border{ border-color:rgb(255, 62, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3298, 0.5525, 0.3143 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, 83) }
```

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

```
.background{ background-color: rgb(255, 62,  
83) }
```

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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