

Converting Colors

$Y_{xy}(25.2267, 0.4596, 0.2439)$

Have a look what the booklet for
Yxy(25.2267, 0.4596, 0.2439)
contains.

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Color

Yxy(25.2313, 0.4592, 0.2436)

Conversions

Conversions Part 1

Format	Color
Hex	FF2C95
RGB	255, 44, 149
RGB Percent	100%, 17%, 58%
CMY	0.0000, 0.8273, 0.4158
CMYK	0.00, 0.83, 0.42, 0.00
HSL	330°, 100%, 59%
HSV	330°, 83%, 100%
XYZ	47.5625, 25.2313, 30.7830
YIQ	119.0590, 92.0510, 77.3870

Conversions

Conversions Part 2

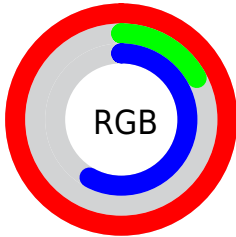
Format	Color
R_{YB}	255, 44, 149
Decimal	16723093
CIE _{Lab}	57.30, 81.01, -4.88
CIE _{LCh}	57, 81.157, 356.549
Yxy	25.2313, 0.4592, 0.2436
Android (android.graphics.Color)	4294913173 (0xFFFF2C95)
YUV	119.0590, 14.7609, 119.2203
Hunter-Lab	50.2308, 81.1140, -1.1733

Details

The Yxy color **25.2313, 0.4592, 0.2436** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **74.2585, 0.2685, 0.4713**, and the grayscale version is **18.4044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8333, 0.3710, 0.2414**, and **12.0883, 0.4921, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.4916, 0.4840, 0.2476**, and if you desaturate by 10%, it is **28.1835, 0.4340, 0.2451**.

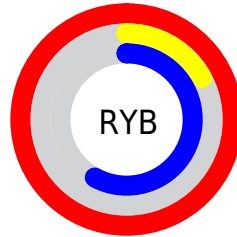
Distribution



Red (100%)

Green (17%)

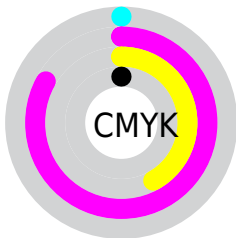
Blue (58%)



Red (100%)

Yellow (17%)

Blue (58%)

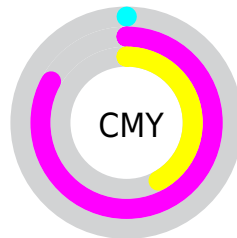


Cyan (0%)

Magenta (83%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2313, 0.4592, 0.2436 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 25.2313, 0.4592, 0.2436 by changing the saturation by 10% instead.


 25.2313, 0.4592,
0.2436


 25.2313, 0.4592,
0.2436

278.9879, 0.3804,
0.2887


 16.2495, 0.4805,
0.2317


 52.0322, 0.4293,
0.2605


 9.7009, 0.5087,
0.2163


 70.6201, 0.4185,
0.2666

 5.2011, 0.5475,
0.1953


 93.1787, 0.4094,
0.2718

 2.3657, 0.6035,
0.1658

 120.0926, 0.4018,
0.2762

 0.8082, 0.6887,
0.1225

 151.7461, 0.3953,
0.2800

 0.0000, 0.9921,
0.0000

188.5235, 0.3897,


 0.0000, 1.0000,


0.2833


0.0000


230.8093, 0.3847,
0.2861

 0.0000, 0.0000,
0.0000


 25.2313, 0.4592,
0.2436


 25.2313, 0.4592,
0.2436


 23.4916, 0.4840,
0.2476

 28.1835, 0.4340,
0.2451


 22.7872, 0.5013,
0.2535

 32.5307, 0.4098,
0.2514


 38.4286, 0.3877,
0.2612

 46.0108, 0.3681,
0.2732

 55.3965, 0.3512,
0.2864

 66.6938, 0.3369,
0.2999

 80.0025, 0.3250,
0.3131

 95.4151, 0.3151,
0.3257

99.9993, 0.3127,
0.3290

Harmonies

Analogous

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



25.2313, 0.3149, 0.1850



25.2313, 0.4592, 0.2436



25.2313, 0.5590, 0.3162

Triad

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



25.2313, 0.4592, 0.2436



25.2313, 0.3782, 0.5737



25.2313, 0.1084, 0.1803

Complementary

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



25.2313, 0.4592, 0.2436



74.2585, 0.2685, 0.4713

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.



25.2313, 0.1156, 0.2663



25.2313, 0.4592, 0.2436



25.2313, 0.2627, 0.5700

Square

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



25.2313, 0.4592, 0.2436



25.2313, 0.4865, 0.4889



25.2313, 0.1657, 0.4241



25.2313, 0.1350, 0.1488

Rectangle

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



25.2313, 0.4592, 0.2436



25.2313, 0.5705, 0.3685



25.2313, 0.1657, 0.4241



25.2313, 0.1069, 0.2015

Sweetspot

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



25.2327, 0.4592, 0.2436



63.9562, 0.3399, 0.2968



15.4628, 0.2201, 0.1083



12.8255, 0.3448, 0.2921



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.



25.2327, 0.4592, 0.2436



22.8769, 0.4989, 0.2527



23.2460, 0.6044, 0.3299



18.1378, 0.3216, 0.3172



11.9373, 0.4976, 0.2515



1.1843, 0.4720, 0.2374

Inverse Universe

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



25.2327, 0.4592, 0.2436



22.8769, 0.4989, 0.2527



79.2740, 0.2275, 0.3287



18.1378, 0.3216, 0.3172



11.9373, 0.4976, 0.2515



1.1843, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 25.2313, 0.4592, 0.2436 looks on a white background.

Color Contrast Check

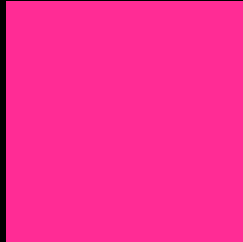
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2313, 0.4592, 0.2436 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 25.2313, 0.4592, 0.2436

Background



This preview shows how black text looks on a background with the Yxy color 25.2313, 0.4592, 0.2436.



This preview shows how white text looks on a background with the Yxy color 25.2313, 0.4592, 0.2436.

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

25.2313, 0.4592, 0.2436

Protanopia

25.5935, 0.2355, 0.2252

Deuteranopia

25.4936, 0.3267, 0.3210



Tritanopia

25.1854, 0.5567, 0.3275

Trichromacy



Original Color

25.2313, 0.4592, 0.2436



Protanomaly

21.2026, 0.2948, 0.2146



Deuteranomaly

22.1093, 0.3761, 0.2718



Tritanomaly

24.9725, 0.5261, 0.2975

Monochromacy



Original Color

25.2313, 0.4592, 0.2436



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.5908, 0.3702, 0.2713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2313, 0.4592, 0.2436 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, 44, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 44, 149)  
}
```

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, 44, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 44, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.2313, 0.4592, 0.2436 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, 44, 149) }
```

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

```
.border{ border-color:rgb(255, 44, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 44, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 44, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 44, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 44,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2313, 0.4592, 0.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 44, 149) }
```

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

```
.background{ background-color: rgb(255, 44,  
149) }
```

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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