

Converting Colors

$Y_{xy}(25.1186, 0.4951, 0.2694)$

Have a look what the booklet for
Yxy(25.1186, 0.4951, 0.2694)
contains.

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Color

Yxy(25.1083, 0.4957, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	FF337D
RGB	255, 51, 125
RGB Percent	100%, 20%, 49%
CMY	0.0000, 0.8001, 0.5097
CMYK	0.00, 0.80, 0.51, 0.00
HSL	338°, 100%, 60%
HSV	338°, 80%, 100%
XYZ	46.1312, 25.1083, 21.8232
YIQ	120.4320, 97.8300, 66.2620

Conversions

Conversions Part 2

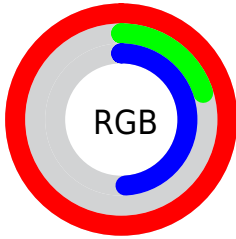
Format	Color
R_{YB}	255, 51, 125
Decimal	16724861
CIE _{Lab}	57.18, 77.50, 9.13
CIE _{LCh}	57, 78.038, 6.718
Yxy	25.1083, 0.4957, 0.2698
Android (android.graphics.Color)	4294914941 (0xFFFF337D)
YUV	120.4320, 2.2520, 118.0161
Hunter-Lab	50.1082, 76.6433, 9.2537

Details

The Yxy color **25.1083, 0.4957, 0.2698** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **75.5575, 0.2570, 0.4271**, and the grayscale version is **18.8922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3912, 0.4006, 0.2691**, and **11.7423, 0.5381, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **23.0750, 0.5283, 0.2749**, and if you desaturate by 10%, it is **28.4255, 0.4622, 0.2699**.

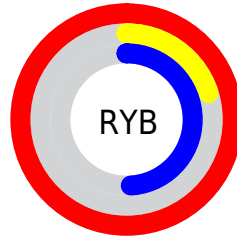
Distribution



Red (100%)

Green (20%)

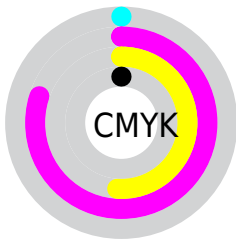
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

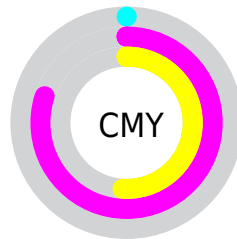


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1083, 0.4957, 0.2698 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 25.1083, 0.4957, 0.2698 by changing the saturation by 10% instead.


 25.1083, 0.4957,
0.2698


 25.1083, 0.4957,
0.2698


278.3769, 0.3957,
0.3042

 16.1578, 0.5230,
0.2596


 51.8329, 0.4575,
0.2835

 9.6359, 0.5592,
0.2456


 70.3757, 0.4437,
0.2883

 5.1582, 0.6088,
0.2254

 92.8847, 0.4322,
0.2922

 2.3404, 0.6791,
0.1949

 119.7443, 0.4226,
0.2954

 0.7950, 0.8060,
0.1509

 151.3390, 0.4144,
0.2982

 0.0000, 1.0000,
0.0000

188.0530, 0.4073,

 0.0000, 0.0000,

0.3005

0.0000

230.2708, 0.4011,
0.3025

■ 25.1083, 0.4957,
0.2698

■ 25.1083, 0.4957,
0.2698

■ 23.0750, 0.5283,
0.2749

■ 28.4255, 0.4622,
0.2699

■ 22.0423, 0.5576,
0.2845

■ 33.2095, 0.4303,
0.2742

■ 39.6080, 0.4016,
0.2815

■ 47.7518, 0.3768,
0.2906

■ 57.7581, 0.3559,
0.3004

69.7339, 0.3386,
0.3103

83.7780, 0.3243,
0.3199

99.9826, 0.3127,
0.3290

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.



25.1083, 0.3618, 0.2060



25.1083, 0.4957, 0.2698



25.1083, 0.5624, 0.3439

Triad

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



25.1083, 0.4957, 0.2698



25.1083, 0.3404, 0.5788



25.1083, 0.1184, 0.1696

Complementary

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



25.1083, 0.4957, 0.2698



75.5575, 0.2570, 0.4271

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.



25.1083, 0.1142, 0.2332



25.1083, 0.4957, 0.2698



25.1083, 0.2298, 0.5241

Square

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



25.1083, 0.4957, 0.2698



25.1083, 0.4503, 0.5174



25.1083, 0.1483, 0.3636



25.1083, 0.1565, 0.1512

Rectangle

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



25.1083, 0.4957, 0.2698



25.1083, 0.5536, 0.3976



25.1083, 0.1483, 0.3636



25.1083, 0.1133, 0.1847

Sweetspot

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



25.1066, 0.4957, 0.2698



64.7130, 0.3451, 0.3064



19.3116, 0.2478, 0.1256



12.9501, 0.3513, 0.3028



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.



25.1066, 0.4957, 0.2698



22.3831, 0.5463, 0.2804



26.9729, 0.5749, 0.3479



18.0960, 0.3237, 0.3204



11.5436, 0.5533, 0.2822



1.1440, 0.5220, 0.2649

Inverse Universe

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



25.1066, 0.4957, 0.2698



22.3831, 0.5463, 0.2804



63.2981, 0.2193, 0.2948



18.0960, 0.3237, 0.3204



11.5436, 0.5533, 0.2822



1.1440, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 25.1083, 0.4957, 0.2698 looks on a white background.

Color Contrast Check

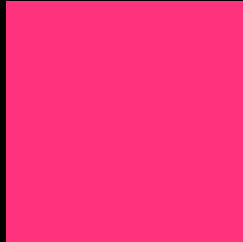
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1083, 0.4957, 0.2698 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 25.1083, 0.4957, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 25.1083, 0.4957, 0.2698.



This preview shows how white text looks on a background with the Yxy color 25.1083, 0.4957, 0.2698.

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

25.1083, 0.4957, 0.2698

Protanopia

25.2157, 0.2725, 0.2726

Deuteranopia

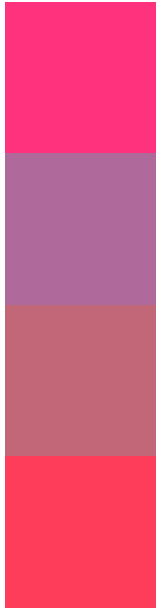
25.1113, 0.3639, 0.3563



Tritanopia

25.0215, 0.5652, 0.3276

Trichromacy



Original Color

25.1083, 0.4957, 0.2698

Protanomaly

21.5502, 0.3427, 0.2586

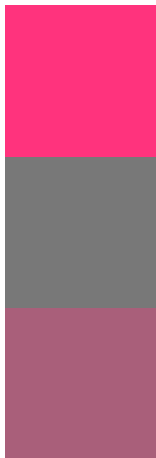
Deuteranomaly

22.5017, 0.4161, 0.3077

Tritanomaly

24.9414, 0.5438, 0.3084

Monochromacy



Original Color

25.1083, 0.4957, 0.2698

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0246, 0.3827, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1083, 0.4957, 0.2698 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, 51, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 125)  
}
```

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, 51, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.1083, 0.4957, 0.2698 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, 51, 125) }
```

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

```
.border{ border-color:rgb(255, 51, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1083, 0.4957, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 125) }
```

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

```
.background{ background-color: rgb(255, 51,  
125) }
```

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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