

Converting Colors

$Yxy(25.9485, 0.5004, 0.2806)$

Have a look what the booklet for
Yxy(25.9485, 0.5004, 0.2806)
contains.

Yxy(25.9536, 0.5000, 0.2803)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9536, 0.5000, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D78
RGB	255, 61, 120
RGB Percent	100%, 24%, 47%
CMY	0.0001, 0.7606, 0.5294
CMYK	0.00, 0.76, 0.53, 0.00
HSL	342°, 100%, 62%
HSV	342°, 76%, 100%
XYZ	46.2961, 25.9536, 20.3425
YIQ	125.7320, 96.6850, 59.4770

Conversions

Conversions Part 2

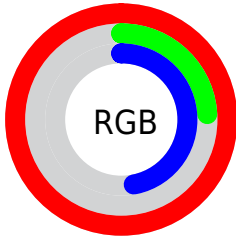
Format	Color
R_{YB}	255, 61, 120
Decimal	16727416
CIE _{Lab}	57.99, 74.47, 13.24
CIE _{LCh}	58, 75.636, 10.081
Yxy	25.9536, 0.5000, 0.2803
Android (android.graphics.Color)	4294917496 (0xFFFF3D78)
YUV	125.7320, -2.8259, 113.3680
Hunter-Lab	50.9447, 73.0592, 11.9864

Details

The Yxy color **25.9536, 0.5000, 0.2803** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **76.4909, 0.2526, 0.4055**, and the grayscale version is **20.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9058, 0.4044, 0.2809**, and **11.6743, 0.5486, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **23.4560, 0.5362, 0.2841**, and if you desaturate by 10%, it is **29.8266, 0.4634, 0.2811**.

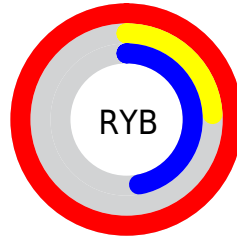
Distribution



Red (100%)

Green (24%)

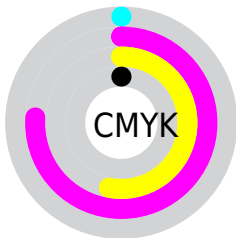
Blue (47%)



Red (100%)

Yellow (24%)

Blue (47%)

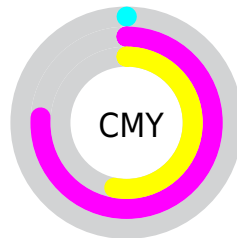


Cyan (0%)

Magenta (76%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9536, 0.5000, 0.2803 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 25.9536, 0.5000, 0.2803 by changing the saturation by 10% instead.


 25.9536, 0.5000,
0.2803


 25.9536, 0.5000,
0.2803


282.5542, 0.3978,
0.3099


 16.7889, 0.5278,
0.2711


 53.2001, 0.4611,
0.2924


 10.0841, 0.5644,
0.2582


 72.0507, 0.4470,
0.2965


 5.4548, 0.6143,
0.2392


 94.8987, 0.4353,
0.2999

 2.5165, 0.6842,
0.2098

 122.1286, 0.4254,
0.3026

 0.8849, 0.8226,
0.1701

 154.1247, 0.4170,
0.3049

 0.0000, 1.0000,
0.0000

191.2714, 0.4097,

 0.0000, 0.0000,

0.3068

0.0000

233.9531, 0.4034,
0.3085

■ 25.9536, 0.5000,
0.2803

■ 25.9536, 0.5000,
0.2803

■ 23.4560, 0.5362,
0.2841

■ 29.8266, 0.4634,
0.2811

■ 22.1238, 0.5684,
0.2927

■ 35.2364, 0.4292,
0.2854


■ 21.8010, 0.5797,
0.2967

■ 42.3269, 0.3990,
0.2920

■ 51.2237, 0.3732,
0.2999

■ 62.0405, 0.3519,
0.3083

 74.8818, 0.3343,
0.3166

 89.8442, 0.3200,
0.3245

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



25.9536, 0.3755, 0.2160



25.9536, 0.5000, 0.2803



25.9536, 0.5549, 0.3540

Triad

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



25.9536, 0.5000, 0.2803



25.9536, 0.3293, 0.5696



25.9536, 0.1262, 0.1709

Complementary

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



25.9536, 0.5000, 0.2803



76.4909, 0.2526, 0.4055

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.



25.9536, 0.1186, 0.2276



25.9536, 0.5000, 0.2803



25.9536, 0.2230, 0.5002

Square

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



25.9536, 0.5000, 0.2803



25.9536, 0.4369, 0.5221



25.9536, 0.1480, 0.3458



25.9536, 0.1678, 0.1563

Rectangle

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



25.9536, 0.5000, 0.2803



25.9536, 0.5416, 0.4074



25.9536, 0.1480, 0.3458



25.9536, 0.1200, 0.1842

Sweetspot

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



25.9551, 0.5000, 0.2803



65.7624, 0.3461, 0.3108



21.9727, 0.2608, 0.1369



13.1426, 0.3529, 0.3078



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.



25.9551, 0.5000, 0.2803



22.6702, 0.5528, 0.2878



30.0691, 0.5503, 0.3573



18.0780, 0.3246, 0.3218



11.4159, 0.5754, 0.2943



1.1300, 0.5434, 0.2767

Inverse Universe

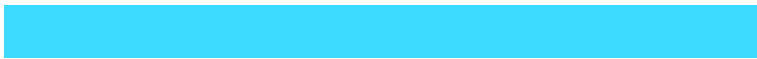
The Inverse Universe completely reimagines the original color for something new.



25.9551, 0.5000, 0.2803



22.6702, 0.5528, 0.2878



59.0996, 0.2182, 0.2840



18.0780, 0.3246, 0.3218



11.4159, 0.5754, 0.2943



1.1300, 0.5434, 0.2767

Previews

White Background



This preview shows how the Yxy color 25.9536, 0.5000, 0.2803 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 25.9536, 0.5000, 0.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

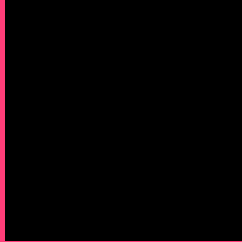
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9536, 0.5000, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 25.9536, 0.5000, 0.2803.



This preview shows how white text looks on a background with the Yxy color 25.9536, 0.5000, 0.2803.

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

25.9536, 0.5000, 0.2803

Protanopia

26.2375, 0.2893, 0.2950

Deuteranopia

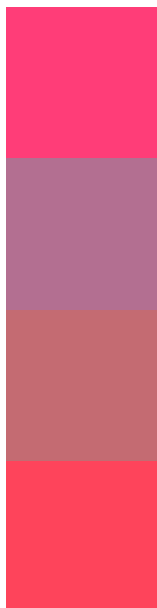
25.9844, 0.3725, 0.3653



Tritanopia

26.0254, 0.5548, 0.3275

Trichromacy



Original Color

25.9536, 0.5000, 0.2803

Protanomaly

22.9969, 0.3581, 0.2802

Deuteranomaly

23.4661, 0.4235, 0.3200

Tritanomaly

25.9604, 0.5379, 0.3115

Monochromacy



Original Color

25.9536, 0.5000, 0.2803

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.8422, 0.3824, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9536, 0.5000, 0.2803 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, 61, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 120)  
}
```

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, 61, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.9536, 0.5000, 0.2803 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, 61, 120) }
```

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

```
.border{ border-color:rgb(255, 61, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9536, 0.5000, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 120) }
```

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

```
.background{ background-color: rgb(255, 61,  
120) }
```

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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