

Converting Colors

$Y_{xy}(25.8849, 0.4900, 0.2721)$

Have a look what the booklet for
Yxy(25.8849, 0.4900, 0.2721)
contains.

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Color

Yxy(25.9202, 0.4900, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B7F
RGB	255, 59, 127
RGB Percent	100%, 23%, 50%
CMY	0.0000, 0.7688, 0.5019
CMYK	0.00, 0.77, 0.50, 0.00
HSL	339°, 100%, 62%
HSV	339°, 77%, 100%
XYZ	46.6430, 25.9202, 22.6266
YIQ	125.3560, 94.9880, 62.7000

Conversions

Conversions Part 2

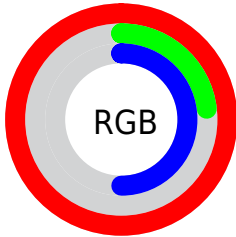
Format	Color
R_{YB}	255, 59, 127
Decimal	16726911
CIE _{Lab}	57.96, 75.59, 9.06
CIE _{LCh}	58, 76.126, 6.832
Yxy	25.9202, 0.4900, 0.2723
Android (android.graphics.Color)	4294916991 (0xFFFF3B7F)
YUV	125.3560, 0.8105, 113.6978
Hunter-Lab	50.9119, 74.4374, 9.2882

Details

The Yxy color **25.9202, 0.4900, 0.2723** 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 **76.0343, 0.2560, 0.4183**, and the grayscale version is **20.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6806, 0.3968, 0.2719**, and **11.7565, 0.5359, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **23.5071, 0.5240, 0.2760**, and if you desaturate by 10%, it is **29.6754, 0.4558, 0.2735**.

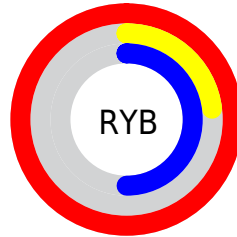
Distribution



Red (100%)

Green (23%)

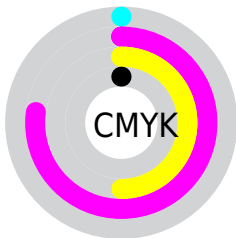
Blue (50%)



Red (100%)

Yellow (23%)

Blue (50%)

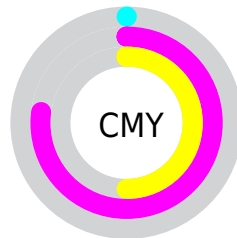


Cyan (0%)

Magenta (77%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9202, 0.4900, 0.2723 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 25.9202, 0.4900, 0.2723 by changing the saturation by 10% instead.

 25.9202, 0.4900,
0.2723


 25.9202, 0.4900,
0.2723


282.3901, 0.3934,
0.3052


 16.7640, 0.5163,
0.2626


 53.1462, 0.4532,
0.2854

 10.0663, 0.5511,
0.2493


 71.9847, 0.4399,
0.2899


 5.4430, 0.5988,
0.2301

 94.8194, 0.4288,
0.2937

 2.5094, 0.6666,
0.2011

 122.0348, 0.4195,
0.2968

 0.8814, 0.7827,
0.1585

 154.0151, 0.4115,
0.2994

 0.0000, 1.0000,
0.0000

191.1449, 0.4047,

 0.0000, 0.0000,

0.3016

0.0000

233.8084, 0.3987,
0.3035

■ 25.9202, 0.4900,
0.2723

■ 25.9202, 0.4900,
0.2723

■ 23.5071, 0.5240,
0.2760

■ 29.6754, 0.4558,
0.2735

■ 22.2358, 0.5549,
0.2847


■ 34.9519, 0.4239,
0.2786


■ 21.9732, 0.5638,
0.2879

■ 41.8890, 0.3955,
0.2861

■ 50.6128, 0.3713,
0.2951

■ 61.2374, 0.3510,
0.3046

 73.8672, 0.3343,
0.3141

 88.5990, 0.3206,
0.3231

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.



25.9202, 0.3611, 0.2095



25.9202, 0.4900, 0.2723



25.9202, 0.5549, 0.3455

Triad

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



25.9202, 0.4900, 0.2723



25.9202, 0.3411, 0.5705



25.9202, 0.1229, 0.1738

Complementary

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



25.9202, 0.4900, 0.2723



76.0343, 0.2560, 0.4183

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.



25.9202, 0.1189, 0.2365



25.9202, 0.4900, 0.2723



25.9202, 0.2330, 0.5156

Square

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



25.9202, 0.4900, 0.2723



25.9202, 0.4481, 0.5141



25.9202, 0.1529, 0.3624



25.9202, 0.1607, 0.1554

Rectangle

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



25.9202, 0.4900, 0.2723



25.9202, 0.5473, 0.3984



25.9202, 0.1529, 0.3624



25.9202, 0.1179, 0.1888

Sweetspot

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



25.9163, 0.4900, 0.2723



65.8926, 0.3441, 0.3083



20.8313, 0.2540, 0.1324



13.1736, 0.3505, 0.3049



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.



25.9163, 0.4900, 0.2723



22.7306, 0.5404, 0.2799



28.6150, 0.5594, 0.3515



18.0912, 0.3239, 0.3208



11.5067, 0.5594, 0.2855



1.1401, 0.5278, 0.2681

Inverse Universe

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



25.9163, 0.4900, 0.2723



22.7306, 0.5404, 0.2799



62.3207, 0.2199, 0.2920



18.0912, 0.3239, 0.3208



11.5067, 0.5594, 0.2855



1.1401, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 25.9202, 0.4900, 0.2723 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 25.9202, 0.4900, 0.2723 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 25.9202, 0.4900, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 25.9202, 0.4900, 0.2723.



This preview shows how white text looks on a background with the Yxy color 25.9202, 0.4900, 0.2723.

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

25.9202, 0.4900, 0.2723

Protanopia

25.9848, 0.2765, 0.2778

Deuteranopia

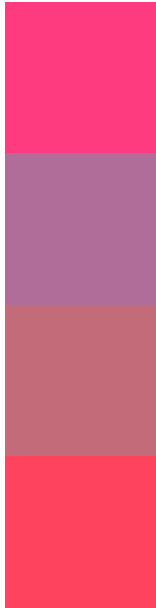
25.9353, 0.3620, 0.3544



Tritanopia

25.8382, 0.5542, 0.3274

Trichromacy



Original Color

25.9202, 0.4900, 0.2723

Protanomaly

22.6175, 0.3445, 0.2647

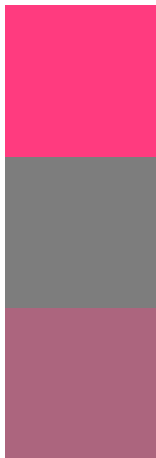
Deuteranomaly

23.4980, 0.4124, 0.3104

Tritanomaly

25.7051, 0.5337, 0.3080

Monochromacy



Original Color

25.9202, 0.4900, 0.2723

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.5844, 0.3785, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9202, 0.4900, 0.2723 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.9202, 0.4900, 0.2723 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, 127) }
```

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

```
.border{ border-color:rgb(255, 59, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9202, 0.4900, 0.2723 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, 127) }
```

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

```
.background{ background-color: rgb(255, 59,  
127) }
```

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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