

Converting Colors

$Y_{xy}(26.2782, 0.4958, 0.2798)$

Have a look what the booklet for
Yxy(26.2782, 0.4958, 0.2798)
contains.

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Color

Yxy(26.3319, 0.4958, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	FF407A
RGB	255, 64, 122
RGB Percent	100%, 25%, 48%
CMY	0.0001, 0.7487, 0.5216
CMYK	0.00, 0.75, 0.52, 0.00
HSL	342°, 100%, 63%
HSV	342°, 75%, 100%
XYZ	46.5764, 26.3319, 21.0336
YIQ	127.7210, 95.2180, 58.5300

Conversions

Conversions Part 2

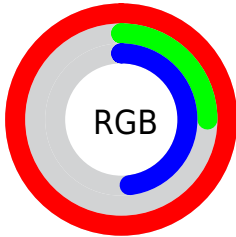
Format	Color
R_{YB}	255, 64, 122
Decimal	16728186
CIE Lab	58.35, 73.72, 12.58
CIE LCh	58, 74.784, 9.681
Yxy	26.3319, 0.4958, 0.2803
Android (android.graphics.Color)	4294918266 (0xFFFF407A)
YUV	127.7210, -2.8205, 111.6237
Hunter-Lab	51.3146, 72.2172, 11.6176

Details

The Yxy color **26.3319, 0.4958, 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 **76.6254, 0.2528, 0.4039**, and the grayscale version is **21.4807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4947, 0.4015, 0.2808**, and **11.7009, 0.5444, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **23.6810, 0.5322, 0.2836**, and if you desaturate by 10%, it is **30.3795, 0.4593, 0.2815**.

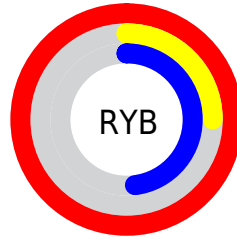
Distribution



Red (100%)

Green (25%)

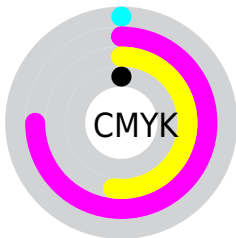
Blue (48%)



Red (100%)

Yellow (25%)

Blue (48%)

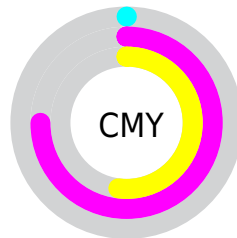


Cyan (0%)

Magenta (75%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3319, 0.4958, 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 26.3319, 0.4958, 0.2803 by changing the saturation by 10% instead.


 26.3319, 0.4958,
0.2803


 26.3319, 0.4958,
0.2803


284.4076, 0.3961,
0.3097


 17.0721, 0.5229,
0.2713


 53.8099, 0.4578,
0.2922


 10.2859, 0.5586,
0.2586


 72.7969, 0.4441,
0.2963


 5.5889, 0.6073,
0.2402

 95.7951, 0.4326,
0.2996

 2.5968, 0.6758,
0.2116

 123.1888, 0.4230,
0.3024

 0.9250, 0.8047,
0.1716

 155.3626, 0.4148,
0.3046

 0.0000, 1.0000,
0.0000

192.7007, 0.4077,

 0.0000, 0.0000,

0.3066

0.0000

235.5875, 0.4015,
0.3082

■ 26.3319, 0.4958,
0.2803

■ 26.3319, 0.4958,
0.2803

■ 23.6810, 0.5322,
0.2836

■ 30.3795, 0.4593,
0.2815

■ 22.2229, 0.5651,
0.2916


■ 35.9819, 0.4255,
0.2862

■ 21.7945, 0.5799,
0.2968

■ 43.2805, 0.3957,
0.2930

■ 52.3994, 0.3705,
0.3010

■ 63.4512, 0.3496,
0.3093

 76.5391, 0.3325,
0.3176

 91.7590, 0.3185,
0.3254

99.9938, 0.3127,
0.3290

Harmonies

Analogous

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



26.3319, 0.3729, 0.2167



26.3319, 0.4958, 0.2803



26.3319, 0.5514, 0.3535

Triad

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



26.3319, 0.4958, 0.2803



26.3319, 0.3313, 0.5656



26.3319, 0.1279, 0.1733

Complementary

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



26.3319, 0.4958, 0.2803



76.6254, 0.2528, 0.4039

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.



26.3319, 0.1209, 0.2304



26.3319, 0.4958, 0.2803



26.3319, 0.2260, 0.4987

Square

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



26.3319, 0.4958, 0.2803



26.3319, 0.4375, 0.5191



26.3319, 0.1509, 0.3478



26.3319, 0.1688, 0.1582

Rectangle

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



26.3319, 0.4958, 0.2803



26.3319, 0.5395, 0.4064



26.3319, 0.1509, 0.3478



26.3319, 0.1219, 0.1868

Sweetspot

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



26.3334, 0.4958, 0.2803



67.0145, 0.3443, 0.3117



22.4308, 0.2619, 0.1390



13.6261, 0.3493, 0.3095



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.



26.3334, 0.4958, 0.2803



22.8052, 0.5498, 0.2871



30.5617, 0.5454, 0.3575



18.0778, 0.3246, 0.3218



11.4145, 0.5757, 0.2945



1.1298, 0.5437, 0.2769

Inverse Universe

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



26.3334, 0.4958, 0.2803



22.8052, 0.5498, 0.2871



59.4809, 0.2190, 0.2848



18.0778, 0.3246, 0.3218



11.4145, 0.5757, 0.2945



1.1298, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 26.3319, 0.4958, 0.2803 looks on a white background.

Color Contrast Check

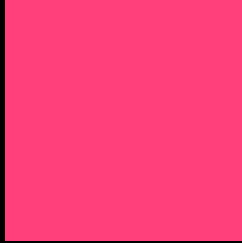
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3319, 0.4958, 0.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

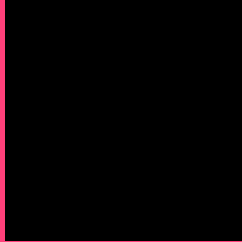
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3319, 0.4958, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 26.3319, 0.4958, 0.2803.



This preview shows how white text looks on a background with the Yxy color 26.3319, 0.4958, 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

26.3319, 0.4958, 0.2803

Protanopia

26.3922, 0.2885, 0.2921

Deuteranopia

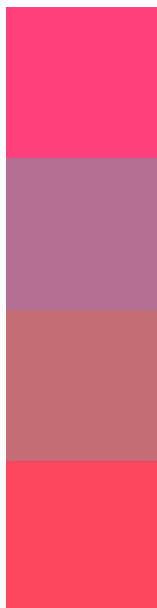
26.4127, 0.3709, 0.3635



Tritanopia

26.3303, 0.5499, 0.3266

Trichromacy



Original Color

26.3319, 0.4958, 0.2803

Protanomaly

23.3982, 0.3565, 0.2791

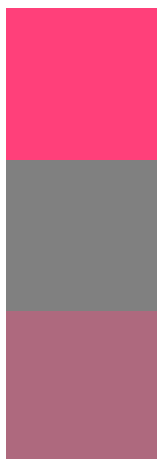
Deuteranomaly

24.0685, 0.4207, 0.3200

Tritanomaly

26.2593, 0.5327, 0.3103

Monochromacy



Original Color

26.3319, 0.4958, 0.2803

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.6082, 0.3796, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3319, 0.4958, 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, 64, 122)` looks like.

```
.text, #text, p{  
  color:rgb(255, 64, 122)  
}
```

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, 64, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.3319, 0.4958, 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, 64, 122) }
```

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

```
.border{ border-color:rgb(255, 64, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3319, 0.4958, 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, 64, 122) }
```

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

```
.background{ background-color: rgb(255, 64,  
122) }
```

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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