

Converting Colors

$Y_{xy}(26.5125, 0.4980, 0.2835)$

Have a look what the booklet for
Yxy(26.5125, 0.4980, 0.2835)
contains.

Yxy(26.5125, 0.4980, 0.2835)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5125, 0.4980, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	FF4278
RGB	255, 66, 120
RGB Percent	100%, 26%, 47%
CMY	0.0001, 0.7410, 0.5294
CMYK	0.00, 0.74, 0.53, 0.00
HSL	343°, 100%, 63%
HSV	343°, 74%, 100%
XYZ	46.5722, 26.5125, 20.4338
YIQ	128.6670, 95.3100, 56.8620

Conversions

Conversions Part 2

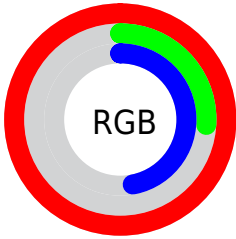
Format	Color
R_{YB}	255, 66, 120
Decimal	16728696
CIE _{Lab}	58.52, 72.98, 13.98
CIE _{LCh}	59, 74.303, 10.843
Yxy	26.5125, 0.4980, 0.2835
Android (android.graphics.Color)	4294918776 (0xFFFF4278)
YUV	128.6670, -4.2728, 110.7940
Hunter-Lab	51.4903, 71.3427, 12.5141

Details

The Yxy color **26.5125, 0.4980, 0.2835** 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 **76.8828, 0.2516, 0.3984**, and the grayscale version is **21.8288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6769, 0.4035, 0.2838**, and **11.6743, 0.5486, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **23.7658, 0.5354, 0.2866**, and if you desaturate by 10%, it is **30.6731, 0.4606, 0.2847**.

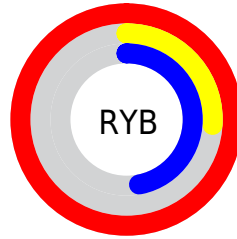
Distribution



Red (100%)

Green (26%)

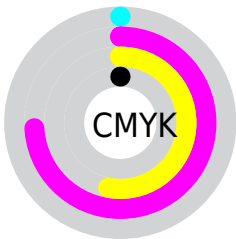
Blue (47%)



Red (100%)

Yellow (26%)

Blue (47%)

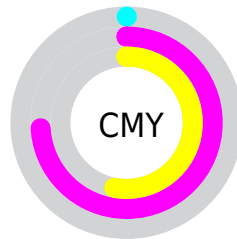


Cyan (0%)

Magenta (74%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5125, 0.4980, 0.2835 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 26.5125, 0.4980, 0.2835 by changing the saturation by 10% instead.

 26.5125, 0.4980,
0.2835


 26.5125, 0.4980,
0.2835


285.2889, 0.3971,
0.3114


 17.2074, 0.5253,
0.2747


 54.1006, 0.4596,
0.2950

 10.3825, 0.5613,
0.2624


 73.1524, 0.4457,
0.2989


 5.6533, 0.6103,
0.2442

 96.2219, 0.4341,
0.3020

 2.6354, 0.6790,
0.2158

 123.6935, 0.4244,
0.3046

 0.9445, 0.8135,
0.1772

 155.9517, 0.4161,
0.3067

 0.0000, 1.0000,
0.0000

193.3807, 0.4089,

 0.0000, 0.0000,

0.3086

0.0000

236.3650, 0.4026,
0.3101

■ 26.5125, 0.4980,
0.2835

■ 26.5125, 0.4980,
0.2835

■ 23.7658, 0.5354,
0.2866

■ 30.6731, 0.4606,
0.2847

■ 22.2321, 0.5690,
0.2943


■ 36.4039, 0.4261,
0.2892

■ 21.7341, 0.5861,
0.3002

■ 43.8451, 0.3958,
0.2957

■ 53.1203, 0.3702,
0.3032

■ 64.3414, 0.3490,
0.3111

 77.6114, 0.3317,
0.3188

 93.0260, 0.3177,
0.3261

99.9955, 0.3127,
0.3290

Harmonies

Analogous

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



26.5125, 0.3777, 0.2196



26.5125, 0.4980, 0.2835



26.5125, 0.5500, 0.3567

Triad

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



26.5125, 0.4980, 0.2835



26.5125, 0.3274, 0.5634



26.5125, 0.1299, 0.1731

Complementary

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



26.5125, 0.4980, 0.2835



76.8828, 0.2516, 0.3984

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.



26.5125, 0.1217, 0.2281



26.5125, 0.4980, 0.2835



26.5125, 0.2232, 0.4919

Square

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



26.5125, 0.4980, 0.2835



26.5125, 0.4333, 0.5210



26.5125, 0.1501, 0.3421



26.5125, 0.1720, 0.1593

Rectangle

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



26.5125, 0.4980, 0.2835



26.5125, 0.5363, 0.4096



26.5125, 0.1501, 0.3421



26.5125, 0.1235, 0.1860

Sweetspot

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



26.5140, 0.4980, 0.2835



66.9631, 0.3451, 0.3127



23.1672, 0.2655, 0.1419



13.6141, 0.3502, 0.3106



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.



26.5140, 0.4980, 0.2835



22.8808, 0.5526, 0.2898



31.5170, 0.5393, 0.3605



18.0724, 0.3249, 0.3222



11.3810, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Inverse Universe

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



26.5140, 0.4980, 0.2835



22.8808, 0.5526, 0.2898



58.1027, 0.2185, 0.2811



18.0724, 0.3249, 0.3222



11.3810, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 26.5125, 0.4980, 0.2835 looks on a white background.

Color Contrast Check

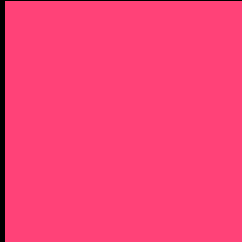
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5125, 0.4980, 0.2835 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 26.5125, 0.4980, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 26.5125, 0.4980, 0.2835.



This preview shows how white text looks on a background with the Yxy color 26.5125, 0.4980, 0.2835.

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

26.5125, 0.4980, 0.2835

Protanopia

26.6281, 0.2932, 0.3000

Deuteranopia

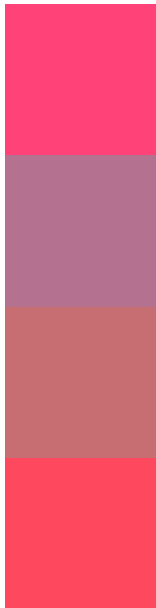
26.4750, 0.3744, 0.3664



Tritanopia

26.4793, 0.5480, 0.3266

Trichromacy



Original Color

26.5125, 0.4980, 0.2835

Protanomaly

23.6476, 0.3613, 0.2849

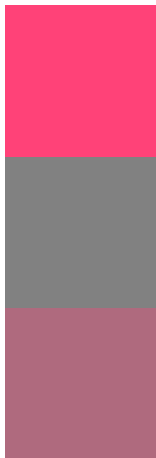
Deuteranomaly

24.3725, 0.4241, 0.3240

Tritanomaly

26.5137, 0.5316, 0.3117

Monochromacy



Original Color

26.5125, 0.4980, 0.2835

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.9284, 0.3805, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5125, 0.4980, 0.2835 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, 66, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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, 66, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.5125, 0.4980, 0.2835 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, 66, 120) }
```

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

```
.border{ border-color:rgb(255, 66, 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, 66, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5125, 0.4980, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 120) }
```

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

```
.background{ background-color: rgb(255, 66,  
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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