

Converting Colors

$Y_{xy}(26.2790, 0.5129, 0.2930)$

Have a look what the booklet for
Yxy(26.2790, 0.5129, 0.2930)
contains.

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Color

Yxy(26.2822, 0.5129, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	FF426E
RGB	255, 66, 110
RGB Percent	100%, 26%, 43%
CMY	0.0000, 0.7412, 0.5685
CMYK	0.00, 0.74, 0.57, 0.00
HSL	346°, 100%, 63%
HSV	346°, 74%, 100%
XYZ	46.0073, 26.2822, 17.4108
YIQ	127.5270, 98.5200, 53.7520

Conversions

Conversions Part 2

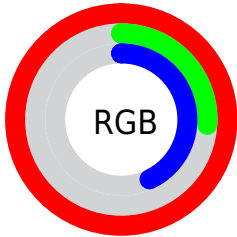
Format	Color
R_{YB}	255, 66, 110
Decimal	16728686
CIE _{Lab}	58.30, 72.31, 19.56
CIE _{LCh}	58, 74.906, 15.133
Yxy	26.2822, 0.5129, 0.2930
Android (android.graphics.Color)	4294918766 (0xFFFF426E)
YUV	127.5270, -8.6408, 111.7938
Hunter-Lab	51.2662, 70.4737, 15.7505

Details

The Yxy color **26.2822, 0.5129, 0.2930** 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 **77.3785, 0.2475, 0.3849**, and the grayscale version is **21.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2716, 0.4163, 0.2952**, and **11.4352, 0.5660, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **23.5572, 0.5523, 0.2965**, and if you desaturate by 10%, it is **30.4269, 0.4727, 0.2934**.

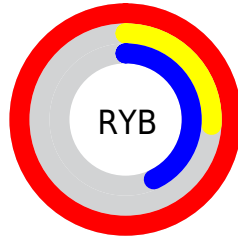
Distribution



Red (100%)

Green (26%)

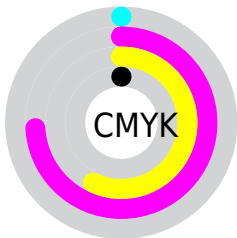
Blue (43%)



Red (100%)

Yellow (26%)

Blue (43%)

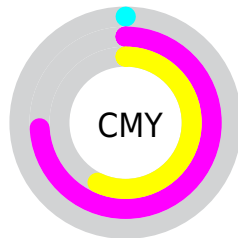


Cyan (0%)

Magenta (74%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (74%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2822, 0.5129, 0.2930 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 26.2822, 0.5129, 0.2930 by changing the saturation by 10% instead.


 26.2822, 0.5129,
0.2930


 26.2822, 0.5129,
0.2930


284.1646, 0.4038,
0.3174

 17.0349, 0.5423,
0.2846


 53.7299, 0.4715,
0.3035

 10.2594, 0.5807,
0.2724


 72.6990, 0.4564,
0.3070

 5.5713, 0.6323,
0.2539

 95.6775, 0.4439,
0.3097

 2.5862, 0.7032,
0.2241

 123.0498, 0.4333,
0.3118

 0.9197, 0.8211,
0.1789

 155.2002, 0.4243,
0.3136

 0.0000, 1.0000,
0.0000

192.5133, 0.4165,

 0.0000, 0.0000,

0.3151

0.0000

235.3733, 0.4098,
0.3163

■ 26.2822, 0.5129,
0.2930

■ 26.2822, 0.5129,
0.2930

■ 23.5572, 0.5523,
0.2965

■ 30.4269, 0.4727,
0.2934

■ 22.0553, 0.5863,
0.3039

■ 36.1548, 0.4352,
0.2967

■ 21.5802, 0.6026,
0.3093

■ 43.6055, 0.4023,
0.3018

■ 52.9036, 0.3745,
0.3079

■ 64.1619, 0.3517,
0.3144

 77.4844, 0.3331,
0.3207

 92.9676, 0.3180,
0.3267

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.



26.2822, 0.3974, 0.2269



26.2822, 0.5129, 0.2930



26.2822, 0.5522, 0.3674

Triad

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



26.2822, 0.5129, 0.2930



26.2822, 0.3113, 0.5641



26.2822, 0.1324, 0.1677

Complementary

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



26.2822, 0.5129, 0.2930



77.3785, 0.2475, 0.3849

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.



26.2822, 0.1194, 0.2158



26.2822, 0.5129, 0.2930



26.2822, 0.2089, 0.4741

Square

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



26.2822, 0.5129, 0.2930



26.2822, 0.4192, 0.5328



26.2822, 0.1419, 0.3217



26.2822, 0.1801, 0.1586

Rectangle

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



26.2822, 0.5129, 0.2930



26.2822, 0.5309, 0.4216



26.2822, 0.1419, 0.3217



26.2822, 0.1244, 0.1786

Sweetspot

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



26.2818, 0.5129, 0.2930



66.8130, 0.3474, 0.3157



24.9489, 0.2775, 0.1479



13.5791, 0.3529, 0.3140



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.



26.2818, 0.5129, 0.2930



22.6861, 0.5698, 0.2997



34.2345, 0.5276, 0.3723



18.0564, 0.3257, 0.3235



11.2950, 0.5987, 0.3072



1.1157, 0.5677, 0.2901

Inverse Universe

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



26.2818, 0.5129, 0.2930



22.6861, 0.5698, 0.2997



51.8480, 0.2141, 0.2642



18.0564, 0.3257, 0.3235



11.2950, 0.5987, 0.3072



1.1157, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 26.2822, 0.5129, 0.2930 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 26.2822, 0.5129, 0.2930 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 26.2822, 0.5129, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 26.2822, 0.5129, 0.2930.

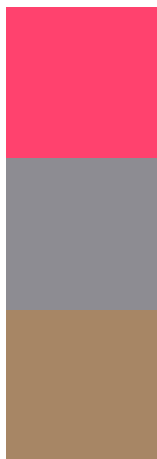


This preview shows how white text looks on a background with the Yxy color 26.2822, 0.5129, 0.2930.

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

26.2822, 0.5129, 0.2930

Protanopia

26.4942, 0.3078, 0.3192

Deuteranopia

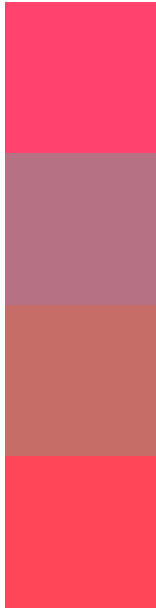
26.2053, 0.3887, 0.3799



Tritanopia

26.1695, 0.5530, 0.3274

Trichromacy



Original Color

26.2822, 0.5129, 0.2930

Protanomaly

23.4488, 0.3771, 0.3005

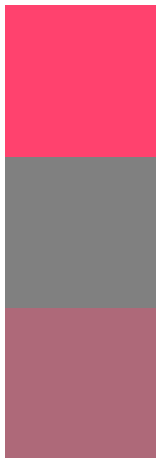
Deuteranomaly

24.0789, 0.4397, 0.3359

Tritanomaly

26.1557, 0.5407, 0.3155

Monochromacy



Original Color

26.2822, 0.5129, 0.2930

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.4823, 0.3868, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2822, 0.5129, 0.2930 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 110) }
```

Border

The CSS property to change the border of an element to Yxy 26.2822, 0.5129, 0.2930 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, 110) }
```

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

```
.border{ border-color:rgb(255, 66, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2822, 0.5129, 0.2930 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, 110) }
```

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

```
.background{ background-color: rgb(255, 66,  
110) }
```

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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