

Converting Colors

$Y_{xy}(26.0700, 0.5190, 0.2959)$

Have a look what the booklet for
Yxy(26.0700, 0.5190, 0.2959)
contains.

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Color

Yxy(26.0812, 0.5193, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	FF416A
RGB	255, 65, 106
RGB Percent	100%, 25%, 42%
CMY	0.0000, 0.7453, 0.5843
CMYK	0.00, 0.75, 0.58, 0.00
HSL	347°, 100%, 63%
HSV	347°, 75%, 100%
XYZ	45.7412, 26.0812, 16.2600
YIQ	126.4840, 100.0790, 53.0310

Conversions

Conversions Part 2

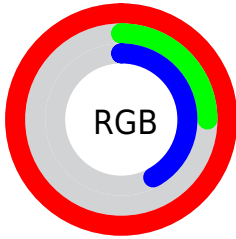
Format	Color
R_{YB}	255, 65, 106
Decimal	16728426
CIE _{Lab}	58.11, 72.37, 21.67
CIE _{LCh}	58, 75.545, 16.673
Yxy	26.0812, 0.5193, 0.2961
Android (android.graphics.Color)	4294918506 (0xFFFF416A)
YUV	126.4840, -10.0986, 112.7085
Hunter-Lab	51.0698, 70.5034, 16.8716

Details

The Yxy color **26.0812, 0.5193, 0.2961** 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 **77.4950, 0.2461, 0.3809**, and the grayscale version is **21.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8731, 0.4215, 0.2983**, and **11.3921, 0.5737, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **23.4134, 0.5590, 0.2998**, and if you desaturate by 10%, it is **30.1560, 0.4782, 0.2961**.

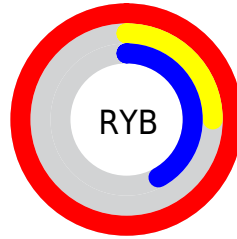
Distribution



Red (100%)

Green (25%)

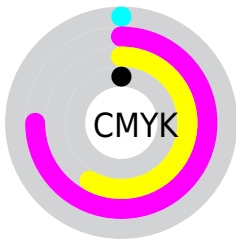
Blue (42%)



Red (100%)

Yellow (25%)

Blue (42%)

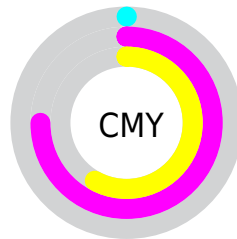


Cyan (0%)

Magenta (75%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0812, 0.5193, 0.2961 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 26.0812, 0.5193, 0.2961 by changing the saturation by 10% instead.


 26.0812, 0.5193,
0.2961


 26.0812, 0.5193,
0.2961


283.1805, 0.4067,
0.3195


 16.8844, 0.5495,
0.2877

 53.4059, 0.4766,
0.3064

 10.1521, 0.5889,
0.2754


 72.3026, 0.4610,
0.3097

 5.4999, 0.6415,
0.2565

 95.2014, 0.4481,
0.3123

 2.5435, 0.7144,
0.2262

 122.4867, 0.4372,
0.3144

 0.8983, 0.8227,
0.1773

 154.5428, 0.4279,
0.3160

 0.0000, 1.0000,
0.0000

191.7542, 0.4198,

 0.0000, 0.0000,

0.3174

0.0000

234.5053, 0.4128,
0.3185

■ 26.0812, 0.5193,
0.2961

■ 26.0812, 0.5193,
0.2961

■ 23.4134, 0.5590,
0.2998

■ 30.1560, 0.4782,
0.2961

■ 21.9665, 0.5926,
0.3072


■ 35.8160, 0.4396,
0.2989

■ 21.5366, 0.6074,
0.3119

■ 43.1975, 0.4056,
0.3036

■ 52.4260, 0.3770,
0.3092

■ 63.6151, 0.3534,
0.3152

 76.8695, 0.3342,
0.3210

 92.2862, 0.3187,
0.3266

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.



26.0812, 0.4052, 0.2290



26.0812, 0.5193, 0.2961



26.0812, 0.5540, 0.3712

Triad

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



26.0812, 0.5193, 0.2961



26.0812, 0.3051, 0.5656



26.0812, 0.1326, 0.1650

Complementary

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



26.0812, 0.5193, 0.2961



77.4950, 0.2461, 0.3809

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.



26.0812, 0.1178, 0.2108



26.0812, 0.5193, 0.2961



26.0812, 0.2031, 0.4683

Square

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



26.0812, 0.5193, 0.2961



26.0812, 0.4142, 0.5380



26.0812, 0.1382, 0.3143



26.0812, 0.1825, 0.1577

Rectangle

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



26.0812, 0.5193, 0.2961



26.0812, 0.5297, 0.4260



26.0812, 0.1382, 0.3143



26.0812, 0.1240, 0.1752

Sweetspot

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



26.0764, 0.5193, 0.2961



66.7648, 0.3482, 0.3167



25.2654, 0.2803, 0.1487



13.5679, 0.3538, 0.3151



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.



26.0764, 0.5193, 0.2961



22.6297, 0.5751, 0.3027



34.7880, 0.5261, 0.3753



18.0513, 0.3260, 0.3239



11.2711, 0.6036, 0.3099



1.1127, 0.5732, 0.2931

Inverse Universe

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



26.0764, 0.5193, 0.2961



22.6297, 0.5751, 0.3027



50.1878, 0.2127, 0.2594



18.0513, 0.3260, 0.3239



11.2711, 0.6036, 0.3099



1.1127, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 26.0812, 0.5193, 0.2961 looks on a white background.

Color Contrast Check

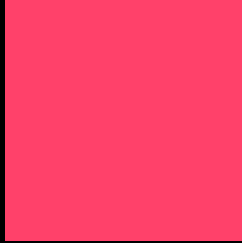
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0812, 0.5193, 0.2961 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 26.0812, 0.5193, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 26.0812, 0.5193, 0.2961.



This preview shows how white text looks on a background with the Yxy color 26.0812, 0.5193, 0.2961.

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

26.0812, 0.5193, 0.2961

Protanopia

26.1391, 0.3140, 0.3257

Deuteranopia

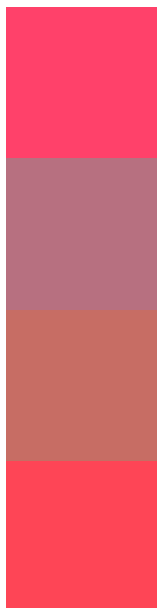
26.1288, 0.3932, 0.3860



Tritanopia

26.2136, 0.5554, 0.3275

Trichromacy



Original Color

26.0812, 0.5193, 0.2961

Protanomaly

23.2141, 0.3855, 0.3063

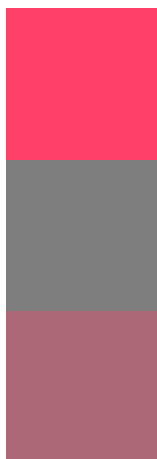
Deuteranomaly

23.9995, 0.4452, 0.3411

Tritanomaly

25.9990, 0.5439, 0.3165

Monochromacy



Original Color

26.0812, 0.5193, 0.2961

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1168, 0.3888, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0812, 0.5193, 0.2961 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, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 106)  
}
```

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, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 106) }
```

Border

The CSS property to change the border of an element to Yxy 26.0812, 0.5193, 0.2961 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, 65, 106) }
```

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

```
.border{ border-color:rgb(255, 65, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0812, 0.5193, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 106) }
```

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

```
.background{ background-color: rgb(255, 65,  
106) }
```

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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