

Converting Colors

$Y_{xy}(26.1967, 0.4744, 0.2626)$

Have a look what the booklet for
Yxy(26.1967, 0.4744, 0.2626)
contains.

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Color

Yxy(26.1941, 0.4744, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B89
RGB	255, 59, 137
RGB Percent	100%, 23%, 54%
CMY	0.0000, 0.7686, 0.4627
CMYK	0.00, 0.77, 0.46, 0.00
HSL	336°, 100%, 62%
HSV	336°, 77%, 100%
XYZ	47.3209, 26.1941, 26.2340
YIQ	126.4960, 91.7780, 65.8100

Conversions

Conversions Part 2

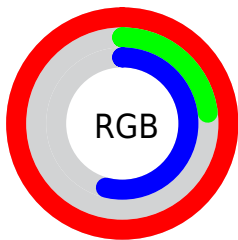
Format	Color
R_{YB}	255, 59, 137
Decimal	16726921
CIE _{Lab}	58.22, 76.37, 3.52
CIE _{LCh}	58, 76.449, 2.636
Yxy	26.1941, 0.4744, 0.2626
Android (android.graphics.Color)	4294917001 (0xFFFF3B89)
YUV	126.4960, 5.1785, 112.6980
Hunter-Lab	51.1802, 75.4750, 5.4352

Details

The Yxy color **26.1941, 0.4744, 0.2626** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **75.6240, 0.2601, 0.4324**, and the grayscale version is **21.0016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3930, 0.3839, 0.2619**, and **11.9110, 0.5142, 0.2606** is the 20% darker color. If you saturate the color by 10%, you get **23.7728, 0.5057, 0.2654**, and if you desaturate by 10%, it is **29.9584, 0.4434, 0.2649**.

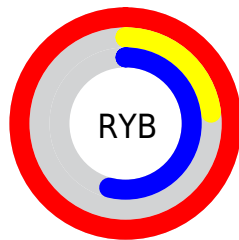
Distribution



Red (100%)

Green (23%)

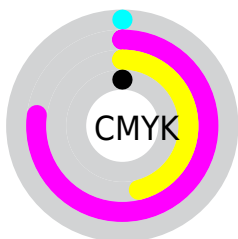
Blue (54%)



Red (100%)

Yellow (23%)

Blue (54%)

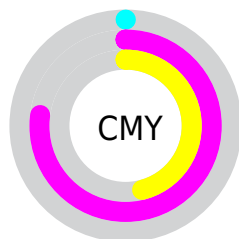


Cyan (0%)

Magenta (77%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1941, 0.4744, 0.2626 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 26.1941, 0.4744, 0.2626 by changing the saturation by 10% instead.


 26.1941, 0.4744,
0.2626


 26.1941, 0.4744,
0.2626

283.7336, 0.3868,
0.2993


 16.9689, 0.4982,
0.2524


 53.5879, 0.4411,
0.2767


 10.2123, 0.5297,
0.2386


 72.5253, 0.4290,
0.2818


 5.5400, 0.5732,
0.2195

 95.4689, 0.4190,
0.2860

 2.5674, 0.6355,
0.1913

 122.8031, 0.4105,
0.2895

 0.9103, 0.7307,
0.1481

 154.9123, 0.4033,
0.2925

 0.0000, 1.0000,
0.0000

192.1808, 0.3971,

 0.0000, 0.0000,

0.2951

0.0000

234.9931, 0.3916,
0.2973

■ 26.1941, 0.4744,
0.2626

■ 26.1941, 0.4744,
0.2626

■ 23.7728, 0.5057,
0.2654

■ 29.9584, 0.4434,
0.2649

■ 22.4809, 0.5348,
0.2736


■ 35.2297, 0.4144,
0.2711


■ 22.2093, 0.5435,
0.2768

■ 42.1511, 0.3887,
0.2799

■ 50.8482, 0.3666,
0.2903

■ 61.4345, 0.3481,
0.3011

 74.0136, 0.3327,
0.3119

 88.6819, 0.3200,
0.3223

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.



26.1941, 0.3422, 0.2021



26.1941, 0.4744, 0.2626



26.1941, 0.5516, 0.3348

Triad

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



26.1941, 0.4744, 0.2626



26.1941, 0.3566, 0.5676



26.1941, 0.1203, 0.1794

Complementary

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



26.1941, 0.4744, 0.2626



75.6240, 0.2601, 0.4324

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.



26.1941, 0.1211, 0.2499



26.1941, 0.4744, 0.2626



26.1941, 0.2471, 0.5318

Square

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



26.1941, 0.4744, 0.2626



26.1941, 0.4618, 0.5023



26.1941, 0.1613, 0.3846



26.1941, 0.1531, 0.1559

Rectangle

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



26.1941, 0.4744, 0.2626



26.1941, 0.5521, 0.3869



26.1941, 0.1613, 0.3846



26.1941, 0.1168, 0.1966

Sweetspot

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



26.1951, 0.4744, 0.2626



66.0490, 0.3418, 0.3053



19.6490, 0.2450, 0.1278



13.2110, 0.3476, 0.3014



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.



26.1951, 0.4744, 0.2626



22.9843, 0.5210, 0.2690



27.1110, 0.5676, 0.3435



18.1069, 0.3231, 0.3196



11.6323, 0.5392, 0.2744



1.1534, 0.5090, 0.2578

Inverse Universe

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



26.1951, 0.4744, 0.2626



22.9843, 0.5210, 0.2690



67.7963, 0.2232, 0.3046



18.1069, 0.3231, 0.3196



11.6323, 0.5392, 0.2744



1.1534, 0.5090, 0.2578

Previews

White Background



This preview shows how the Yxy color 26.1941, 0.4744, 0.2626 looks on a white background.

Color Contrast Check

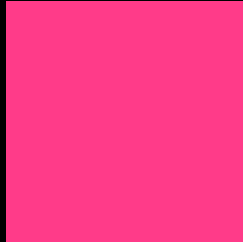
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1941, 0.4744, 0.2626 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 26.1941, 0.4744, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 26.1941, 0.4744, 0.2626.



This preview shows how white text looks on a background with the Yxy color 26.1941, 0.4744, 0.2626.

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

26.1941, 0.4744, 0.2626

Protanopia

26.4733, 0.2625, 0.2604

Deuteranopia

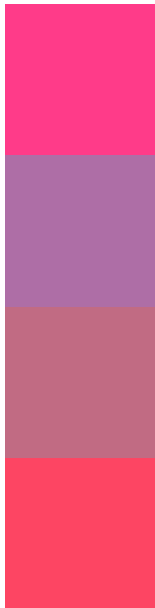
26.1294, 0.3479, 0.3418



Tritanopia

26.2777, 0.5486, 0.3274

Trichromacy



Original Color

26.1941, 0.4744, 0.2626

Protanomaly

22.9037, 0.3261, 0.2497

Deuteranomaly

23.4915, 0.3958, 0.2966

Tritanomaly

26.0397, 0.5257, 0.3049

Monochromacy



Original Color

26.1941, 0.4744, 0.2626

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.1401, 0.3735, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1941, 0.4744, 0.2626 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 137) }
```

Border

The CSS property to change the border of an element to Yxy 26.1941, 0.4744, 0.2626 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, 137) }
```

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

```
.border{ border-color:rgb(255, 59, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1941, 0.4744, 0.2626 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, 137) }
```

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

```
.background{ background-color: rgb(255, 59,  
137) }
```

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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