

Converting Colors

$Y_{xy}(26.0326, 0.4466, 0.2400)$

Have a look what the booklet for
Yxy(26.0326, 0.4466, 0.2400)
contains.

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Color

Yxy(26.0280, 0.4468, 0.2402)

Conversions

Conversions Part 1

Format	Color
Hex	FF339C
RGB	255, 51, 156
RGB Percent	100%, 20%, 61%
CMY	0.0001, 0.7996, 0.3883
CMYK	0.00, 0.80, 0.39, 0.00
HSL	329°, 100%, 60%
HSV	329°, 80%, 100%
XYZ	48.4151, 26.0280, 33.9166
YIQ	123.9660, 87.8790, 75.9030

Conversions

Conversions Part 2

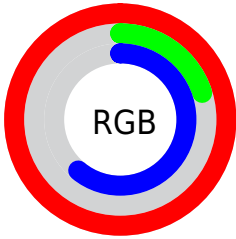
Format	Color
R _{YB}	255, 51, 156
Decimal	16724892
CIE Lab	58.06, 80.08, -7.88
CIE LCh	58, 80.464, 354.380
Yxy	26.0280, 0.4468, 0.2402
Android (android.graphics.Color)	4294914972 (0xFFFF339C)
YUV	123.9660, 15.7928, 114.9168
Hunter-Lab	51.0176, 80.1134, -3.7037

Details

The Yxy color **26.0280, 0.4468, 0.2402** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.4113, 0.2697, 0.4708**, and the grayscale version is **20.0828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1068, 0.3627, 0.2385**, and **12.3574, 0.4779, 0.2406** is the 20% darker color. If you saturate the color by 10%, you get **23.9766, 0.4708, 0.2423**, and if you desaturate by 10%, it is **29.3450, 0.4229, 0.2435**.

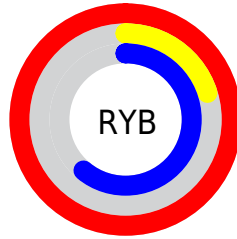
Distribution



Red (100%)

Green (20%)

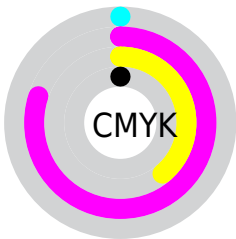
Blue (61%)



Red (100%)

Yellow (20%)

Blue (61%)

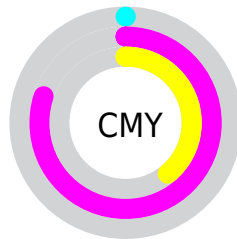


Cyan (0%)

Magenta (80%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (80%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0280, 0.4468, 0.2402 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 26.0280, 0.4468, 0.2402 by changing the saturation by 10% instead.


 26.0280, 0.4468,
0.2402


 26.0280, 0.4468,
0.2402


282.9195, 0.3753,
0.2862


 16.8446, 0.4659,
0.2284


 53.3201, 0.4198,
0.2572

 10.1237, 0.4911,
0.2130


 72.1976, 0.4100,
0.2635


 5.4811, 0.5257,
0.1925


 95.0752, 0.4018,
0.2688

 2.5322, 0.5754,
0.1640

 122.3374, 0.3949,
0.2734

 0.8927, 0.6511,
0.1231

 154.3686, 0.3889,
0.2772

 0.0000, 0.8696,
0.0000

191.5530, 0.3838,


 0.0000, 1.0000,


0.2806

0.0000


234.2752, 0.3793,
0.2836


 0.0000, 0.0000,
0.0000


 26.0280, 0.4468,
0.2402

 26.0280, 0.4468,
0.2402


 23.9766, 0.4708,
0.2423

 29.3450, 0.4229,
0.2435

 22.9011, 0.4938,
0.2494

 34.0990, 0.4002,
0.2513

 22.8978, 0.4939,
0.2494

 40.4390, 0.3796,
0.2622

 48.4941, 0.3614,
0.2751

 58.3798, 0.3459,
0.2888

70.2017, 0.3327,
0.3027

84.0572, 0.3218,
0.3162

99.9943, 0.3127,
0.3290

Harmonies

Analogous

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



26.0280, 0.3054, 0.1837



26.0280, 0.4468, 0.2402



26.0280, 0.5508, 0.3117

Triad

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



26.0280, 0.4468, 0.2402



26.0280, 0.3867, 0.5657



26.0280, 0.1102, 0.1867

Complementary

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



26.0280, 0.4468, 0.2402



74.4113, 0.2697, 0.4708

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.



26.0280, 0.1203, 0.2768



26.0280, 0.4468, 0.2402



26.0280, 0.2724, 0.5701

Square

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



26.0280, 0.4468, 0.2402



26.0280, 0.4919, 0.4810



26.0280, 0.1738, 0.4350



26.0280, 0.1342, 0.1522

Rectangle

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



26.0280, 0.4468, 0.2402



26.0280, 0.5675, 0.3633



26.0280, 0.1738, 0.4350



26.0280, 0.1096, 0.2092

Sweetspot

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



26.0295, 0.4468, 0.2402



65.2065, 0.3378, 0.2971



16.0427, 0.2208, 0.1116



13.0677, 0.3425, 0.2922



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.



26.0295, 0.4468, 0.2402



23.2631, 0.4848, 0.2462



23.9007, 0.5912, 0.3279



18.1431, 0.3213, 0.3168



11.9981, 0.4903, 0.2475



1.1903, 0.4657, 0.2339

Inverse Universe

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



26.0295, 0.4468, 0.2402



23.2631, 0.4848, 0.2462



79.2080, 0.2295, 0.3328



18.1431, 0.3213, 0.3168



11.9981, 0.4903, 0.2475



1.1903, 0.4657, 0.2339

Previews

White Background



This preview shows how the Yxy color 26.0280, 0.4468, 0.2402 looks on a white background.

Color Contrast Check

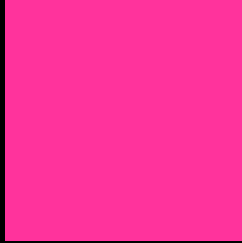
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0280, 0.4468, 0.2402 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 26.0280, 0.4468, 0.2402

Background



This preview shows how black text looks on a background with the Yxy color 26.0280, 0.4468, 0.2402.



This preview shows how white text looks on a background with the Yxy color 26.0280, 0.4468, 0.2402.

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

26.0280, 0.4468, 0.2402

Protanopia

26.2222, 0.2316, 0.2187

Deuteranopia

26.2630, 0.3190, 0.3131



Tritanopia

25.9207, 0.5461, 0.3265

Trichromacy



Original Color

26.0280, 0.4468, 0.2402



Protanomaly

22.1132, 0.2879, 0.2109



Deuteranomaly

23.1240, 0.3654, 0.2679



Tritanomaly

25.6534, 0.5149, 0.2952

Monochromacy



Original Color

26.0280, 0.4468, 0.2402



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.0976, 0.3652, 0.2711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0280, 0.4468, 0.2402 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, 51, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 156)  
}
```

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, 51, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.0280, 0.4468, 0.2402 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, 51, 156) }
```

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

```
.border{ border-color:rgb(255, 51, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0280, 0.4468, 0.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 156) }
```

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

```
.background{ background-color: rgb(255, 51,  
156) }
```

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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