

Converting Colors

Yxy(26.6433, 0.4394, 0.2388)

Have a look what the booklet for
Yxy(26.6433, 0.4394, 0.2388)
contains.

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Color

Yxy(26.6264, 0.4397, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	FF38A0
RGB	255, 56, 160
RGB Percent	100%, 22%, 63%
CMY	0.0000, 0.7805, 0.3725
CMYK	0.00, 0.78, 0.37, 0.00
HSL	329°, 100%, 61%
HSV	329°, 78%, 100%
XYZ	49.0064, 26.6264, 35.8214
YIQ	127.3570, 85.2200, 74.5320

Conversions

Conversions Part 2

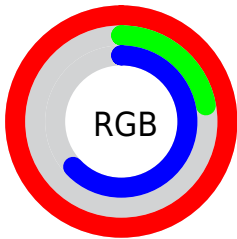
Format	Color
R _Y B	255, 56, 160
Decimal	16726176
CIE Lab	58.63, 79.27, -9.40
CIE LCh	59, 79.823, 353.237
Yxy	26.6264, 0.4397, 0.2389
Android (android.graphics.Color)	4294916256 (0xFFFF38A0)
YUV	127.3570, 16.0930, 111.9429
Hunter-Lab	51.6008, 79.2240, -5.0387

Details

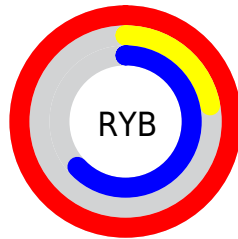
The Yxy color **26.6264, 0.4397, 0.2389** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.5925, 0.2703, 0.4693**, and the grayscale version is **21.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0854, 0.3570, 0.2366**, and **12.4416, 0.4692, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **24.3456, 0.4632, 0.2397**, and if you desaturate by 10%, it is **30.2001, 0.4164, 0.2433**.

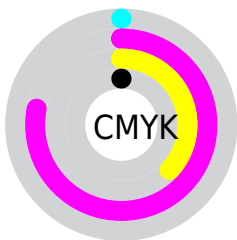
Distribution



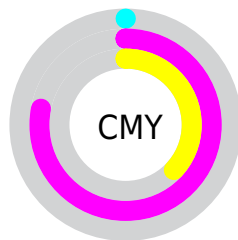
- Red (100%)
- Green (22%)
- Blue (63%)



- Red (100%)
- Yellow (22%)
- Blue (63%)



- Cyan (0%)
- Magenta (78%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6264, 0.4397, 0.2389 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 26.6264, 0.4397, 0.2389 by changing the saturation by 10% instead.


 26.6264, 0.4397,
0.2389

 26.6264, 0.4397,
0.2389


285.8436, 0.3724,
0.2852


 17.2928, 0.4576,
0.2271


 54.2838, 0.4144,
0.2559


 10.4435, 0.4811,
0.2119


 73.3764, 0.4052,
0.2623


 5.6940, 0.5132,
0.1918


 96.4908, 0.3975,
0.2676

 2.6599, 0.5593,
0.1639

 124.0114, 0.3909,
0.2721

 0.9569, 0.6293,
0.1242

 156.3226, 0.3853,
0.2761

 0.0000, 0.8168,
0.0000


193.8087, 0.3804,


 0.0000, 1.0000,


0.2795


0.0000


236.8543, 0.3762,
0.2825


 0.0000, 0.0000,
0.0000


 26.6264, 0.4397,
0.2389


 26.6264, 0.4397,
0.2389


 24.3456, 0.4632,
0.2397


 30.2001, 0.4164,
0.2433


 23.1362, 0.4859,
0.2459

 35.2440, 0.3945,
0.2520

 22.9620, 0.4903,
0.2475

 41.8988, 0.3748,
0.2636

 50.2906, 0.3575,
0.2769

 60.5329, 0.3427,
0.2909

72.7295, 0.3302,
0.3050

86.9765, 0.3198,
0.3186

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.



26.6264, 0.3007, 0.1836



26.6264, 0.4397, 0.2389



26.6264, 0.5451, 0.3097

Triad

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



26.6264, 0.4397, 0.2389



26.6264, 0.3911, 0.5605



26.6264, 0.1120, 0.1909

Complementary

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



26.6264, 0.4397, 0.2389



74.5925, 0.2703, 0.4693

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.



26.6264, 0.1236, 0.2827



26.6264, 0.4397, 0.2389



26.6264, 0.2778, 0.5684

Square

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



26.6264, 0.4397, 0.2389



26.6264, 0.4940, 0.4767



26.6264, 0.1789, 0.4398



26.6264, 0.1345, 0.1547

Rectangle

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



26.6264, 0.4397, 0.2389



26.6264, 0.5645, 0.3608



26.6264, 0.1789, 0.4398



26.6264, 0.1118, 0.2140

Sweetspot

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



26.6237, 0.4397, 0.2389



66.4446, 0.3361, 0.2981



16.4205, 0.2205, 0.1138



13.3061, 0.3407, 0.2930



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.



26.6237, 0.4397, 0.2389



23.5216, 0.4769, 0.2428



24.4395, 0.5802, 0.3257



18.1457, 0.3212, 0.3166



12.0285, 0.4868, 0.2455



1.1933, 0.4626, 0.2322

Inverse Universe

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



26.6237, 0.4397, 0.2389



23.5216, 0.4769, 0.2428



79.1598, 0.2314, 0.3368



18.1457, 0.3212, 0.3166



12.0285, 0.4868, 0.2455



1.1933, 0.4626, 0.2322

Previews

White Background



This preview shows how the Yxy color 26.6264, 0.4397, 0.2389 looks on a white background.

Color Contrast Check

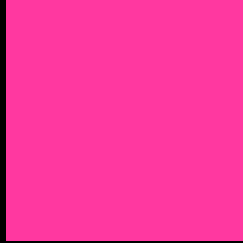
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6264, 0.4397, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

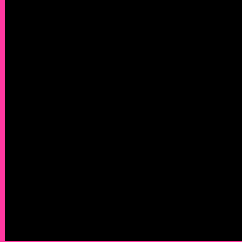
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6264, 0.4397, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 26.6264, 0.4397, 0.2389.



This preview shows how white text looks on a background with the Yxy color 26.6264, 0.4397, 0.2389.

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

26.6264, 0.4397, 0.2389

Protanopia

27.0164, 0.2312, 0.2186

Deuteranopia

26.6726, 0.3148, 0.3085



Tritanopia

26.5405, 0.5384, 0.3264

Trichromacy



Original Color

26.6264, 0.4397, 0.2389



Protanomaly

22.9844, 0.2862, 0.2119



Deuteranomaly

23.8770, 0.3594, 0.2667



Tritanomaly

26.3496, 0.5066, 0.2949

Monochromacy



Original Color

26.6264, 0.4397, 0.2389



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

20.1701, 0.3625, 0.2731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6264, 0.4397, 0.2389 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, 56, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 160)  
}
```

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, 56, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 160) }
```

Border

The CSS property to change the border of an element to Yxy 26.6264, 0.4397, 0.2389 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, 56, 160) }
```

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

```
.border{ border-color:rgb(255, 56, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 56, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6264, 0.4397, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 160) }
```

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

```
.background{ background-color: rgb(255, 56,  
160) }
```

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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