

Converting Colors

$Y_{xy}(26.2285, 0.3646, 0.1941)$

Have a look what the booklet for
Yxy(26.2285, 0.3646, 0.1941)
contains.

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Color

Yxy(26.2427, 0.3647, 0.1942)

Conversions

Conversions Part 1

Format	Color
Hex	F338CC
RGB	243, 56, 204
RGB Percent	95%, 22%, 80%
CMY	0.0470, 0.7805, 0.1999
CMYK	0.00, 0.77, 0.16, 0.05
HSL	313°, 89%, 59%
HSV	313°, 77%, 95%
XYZ	49.2828, 26.2427, 59.6069
YIQ	128.7850, 63.9440, 85.6720

Conversions

Conversions Part 2

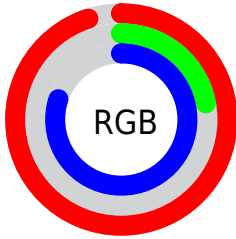
Format	Color
R _Y B	243, 56, 204
Decimal	15939788
CIE Lab	58.27, 81.57, -35.56
CIE LCh	58, 88.988, 336.444
Yxy	26.2427, 0.3647, 0.1942
Android (android.graphics.Color)	4294129868 (0xFFFF338CC)
YUV	128.7850, 37.0810, 100.1666
Hunter-Lab	51.2276, 82.0749, -33.1287

Details

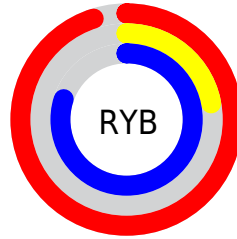
The Yxy color **26.2427, 0.3647, 0.1942** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **65.7797, 0.2903, 0.5341**, and the grayscale version is **21.7203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3991, 0.3186, 0.2039**, and **12.1150, 0.3728, 0.1827** is the 20% darker color. If you saturate the color by 10%, you get **24.1948, 0.3729, 0.1888**, and if you desaturate by 10%, it is **29.4427, 0.3564, 0.2042**.

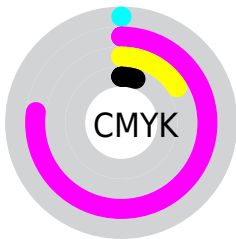
Distribution



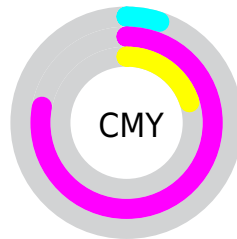
- Red (95%)
- Green (22%)
- Blue (80%)



- Red (95%)
- Yellow (22%)
- Blue (80%)



- Cyan (0%)
- Magenta (77%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2427, 0.3647, 0.1942 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 26.2427, 0.3647, 0.1942 by changing the saturation by 10% instead.


 26.2427, 0.3647,
0.1942


 26.2427, 0.3647,
0.1942


283.9714, 0.3406,
0.2583


 17.0053, 0.3700,
0.1795


 53.6662, 0.3564,
0.2166

 10.2383, 0.3765,
0.1614


 72.6211, 0.3532,
0.2253

 5.5572, 0.3843,
0.1390


 95.5840, 0.3503,
0.2327

 2.5778, 0.3936,
0.1107

 122.9392, 0.3479,
0.2392

 0.9155, 0.4044,
0.0755

 155.0712, 0.3457,
0.2449

 0.0000, 0.4290,
0.0000

192.3643, 0.3438,

 0.0000, 0.4129,

0.2499

0.0000

235.2029, 0.3421,
0.2544

■ 0.0000, 0.0000,
0.0000

■ 26.2427, 0.3647,
0.1942

■ 26.2427, 0.3647,
0.1942

■ 24.1948, 0.3729,
0.1888

■ 29.4427, 0.3564,
0.2042

■ 23.1083, 0.3807,
0.1881


■ 33.9369, 0.3482,
0.2183


■ 22.8800, 0.3831,
0.1884

■ 39.8511, 0.3403,
0.2354

■ 47.2950, 0.3331,
0.2546

■ 56.3677, 0.3266,
0.2749

 67.1598, 0.3208,
0.2954

 79.7553, 0.3158,
0.3155

 94.2325, 0.3115,
0.3347

 97.4572, 0.3084,
0.3342

Harmonies

Analogous

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



26.2427, 0.2268, 0.1508



26.2427, 0.3647, 0.1942



26.2427, 0.5160, 0.2612

Triad

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



26.2427, 0.3647, 0.1942



26.2427, 0.4558, 0.5273



26.2427, 0.0985, 0.2215

Complementary

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



26.2427, 0.3647, 0.1942



65.7797, 0.2903, 0.5341

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.



26.2427, 0.1323, 0.3671



26.2427, 0.3647, 0.1942



26.2427, 0.3359, 0.6074

Square

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



26.2427, 0.3647, 0.1942



26.2427, 0.5534, 0.4245



26.2427, 0.2181, 0.5545



26.2427, 0.1036, 0.1552

Rectangle

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



26.2427, 0.3647, 0.1942



26.2427, 0.5768, 0.3115



26.2427, 0.2181, 0.5545



26.2427, 0.1047, 0.2599

Sweetspot

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



26.2440, 0.3647, 0.1942



67.3552, 0.3242, 0.2829



11.6440, 0.1850, 0.0973



13.5276, 0.3264, 0.2754



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.



26.2440, 0.3647, 0.1942



26.2349, 0.3771, 0.1879



23.0551, 0.5038, 0.2812



16.7056, 0.3170, 0.3105



12.5751, 0.3819, 0.1878



1.1197, 0.3728, 0.1827

Inverse Universe

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



26.2440, 0.3647, 0.1942



26.2349, 0.3771, 0.1879



68.5379, 0.2522, 0.4052



16.7056, 0.3170, 0.3105



12.5751, 0.3819, 0.1878



1.1197, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 26.2427, 0.3647, 0.1942 looks on a white background.

Color Contrast Check

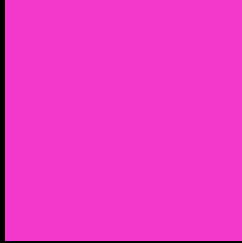
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2427, 0.3647, 0.1942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

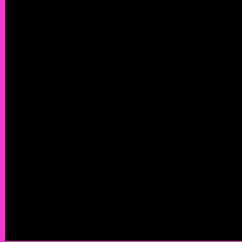
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2427, 0.3647, 0.1942

Background



This preview shows how black text looks on a background with the Yxy color 26.2427, 0.3647, 0.1942.

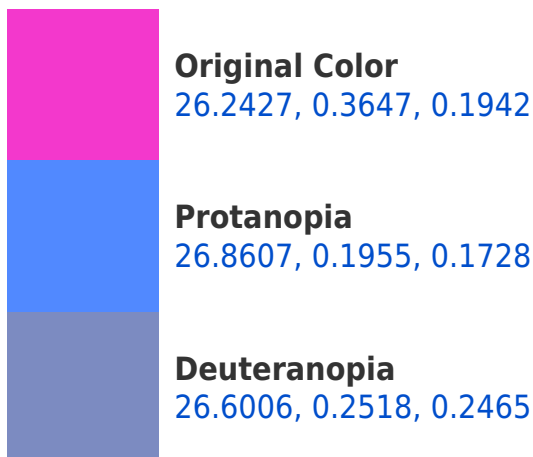


This preview shows how white text looks on a background with the Yxy color 26.2427, 0.3647, 0.1942.

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





Tritanopia

26.0532, 0.4937, 0.3234

Trichromacy



Original Color

26.2427, 0.3647, 0.1942



Protanomaly

22.3567, 0.2308, 0.1648



Deuteranomaly

23.1840, 0.2854, 0.2102



Tritanomaly

25.5480, 0.4490, 0.2711

Monochromacy



Original Color

26.2427, 0.3647, 0.1942



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.4491, 0.3344, 0.2502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2427, 0.3647, 0.1942 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(243, 56, 204)` looks like.

```
.text, #text, p{  
    color:rgb(243, 56, 204)  
}
```

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(243, 56, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 56, 204) }
```

Border

The CSS property to change the border of an element to Yxy 26.2427, 0.3647, 0.1942 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(243, 56, 204) }
```

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

```
.border{ border-color:rgb(243, 56, 204) }
```

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

Here you see how a box with a 4 pixel rgb(243, 56, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 56, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 56, 204);  
box-shadow:4px 4px 4px 4px rgb(243, 56,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2427, 0.3647, 0.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 56, 204) }
```

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

```
.background{ background-color: rgb(243, 56,  
204) }
```

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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