

Converting Colors

$Y_{xy}(26.4522, 0.3621, 0.1775)$

Have a look what the booklet for
Yxy(26.4522, 0.3621, 0.1775)
contains.

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Color

Yxy(26.4522, 0.3621, 0.1775)

Conversions

Conversions Part 1

Format	Color
Hex	FF06DA
RGB	255, 6, 218
RGB Percent	100%, 2%, 85%
CMY	0.0000, 0.9765, 0.1450
CMYK	0.00, 0.98, 0.14, 0.00
HSL	309°, 100%, 51%
HSV	309°, 98%, 100%
XYZ	53.9625, 26.4522, 68.6118
YIQ	104.6190, 80.3520, 118.7200

Conversions

Conversions Part 2

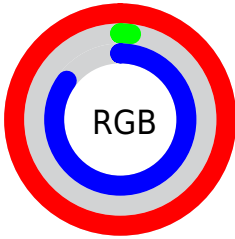
Format	Color
R _Y B	255, 6, 218
Decimal	16713434
CIE Lab	58.46, 93.06, -43.08
CIE LCh	58, 102.543, 335.158
Yxy	26.4522, 0.3621, 0.1775
Android (android.graphics.Color)	4294903514 (0xFFFF06DA)
YUV	104.6190, 55.8968, 131.8841
Hunter-Lab	51.4317, 97.2779, -43.0929

Details

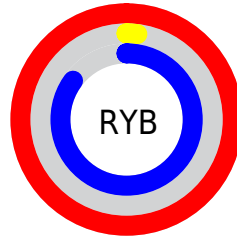
The Yxy color **26.4522, 0.3621, 0.1775** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **71.7320, 0.2968, 0.5869**, and the grayscale version is **13.8499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5832, 0.3192, 0.1914**, and **13.9461, 0.3664, 0.1792** is the 20% darker color. If you saturate the color by 10%, you get **26.2767, 0.3633, 0.1775**, and if you desaturate by 10%, it is **27.5302, 0.3569, 0.1790**.

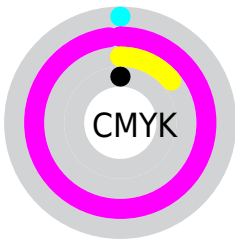
Distribution



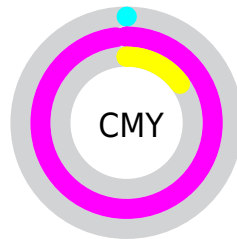
- Red (100%)
- Green (2%)
- Blue (85%)



- Red (100%)
- Yellow (2%)
- Blue (85%)



- Cyan (0%)
- Magenta (98%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (98%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4522, 0.3621, 0.1775 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 26.4522, 0.3621, 0.1775 by changing the saturation by 10% instead.


 26.4522, 0.3621,
0.1775


 26.4522, 0.3621,
0.1775


284.9949, 0.3406,
0.2475


 17.1622, 0.3664,
0.1621


 54.0036, 0.3550,
0.2015


 10.3502, 0.3714,
0.1435


 73.0338, 0.3522,
0.2109


 5.6318, 0.3770,
0.1210


 96.0795, 0.3496,
0.2191

 2.6225, 0.3830,
0.0937

 123.5251, 0.3474,
0.2262

 0.9380, 0.3882,
0.0612

 155.7551, 0.3454,
0.2325

 0.0000, 0.3999,
0.0000

193.1538, 0.3436,

 0.0000, 0.3767,

0.2381

0.0000

236.1056, 0.3420,
0.2430

■ 0.0000, 0.0131,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.4522, 0.3621,
0.1775

■ 26.4522, 0.3621,
0.1775

■ 26.2767, 0.3633,
0.1775

■ 27.5302, 0.3569,
0.1790

■ 29.6553, 0.3514,
0.1848

■ 33.0490, 0.3456,
0.1953

■ 37.8782, 0.3398,
0.2098

44.2844, 0.3341,
0.2277

52.3920, 0.3287,
0.2479

62.3131, 0.3238,
0.2694

74.1503, 0.3193,
0.2913

87.9982, 0.3154,
0.3130

Harmonies

Analogous

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



26.4522, 0.2105, 0.1334



26.4522, 0.3621, 0.1775



26.4522, 0.5378, 0.2470

Triad

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



26.4522, 0.3621, 0.1775



26.4522, 0.4655, 0.5345



26.4522, 0.0803, 0.2096

Complementary

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



26.4522, 0.3621, 0.1775



71.7320, 0.2968, 0.5869

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.



26.4522, 0.1140, 0.3785



26.4522, 0.3621, 0.1775



26.4522, 0.3307, 0.6402

Square

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



26.4522, 0.3621, 0.1775



26.4522, 0.5761, 0.4154



26.4522, 0.2050, 0.6025



26.4522, 0.0856, 0.1388

Rectangle

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



26.4522, 0.3621, 0.1775



26.4522, 0.6079, 0.2985



26.4522, 0.2050, 0.6025



26.4522, 0.0862, 0.2526

Sweetspot

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



26.4535, 0.3621, 0.1775



60.8610, 0.3244, 0.2665



7.7855, 0.1556, 0.0639



12.0953, 0.3265, 0.2572



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.



26.4535, 0.3621, 0.1775



26.2771, 0.3633, 0.1775



22.2587, 0.5495, 0.2813



18.2513, 0.3161, 0.3090



13.7480, 0.3625, 0.1771



1.3507, 0.3570, 0.1740

Inverse Universe

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



26.4535, 0.3621, 0.1775



26.2771, 0.3633, 0.1775



74.2273, 0.2595, 0.4532



18.2513, 0.3161, 0.3090



13.7480, 0.3625, 0.1771



1.3507, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 26.4522, 0.3621, 0.1775 looks on a white background.

Color Contrast Check

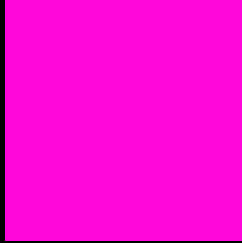
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4522, 0.3621, 0.1775 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 26.4522, 0.3621, 0.1775

Background



This preview shows how black text looks on a background with the Yxy color 26.4522, 0.3621, 0.1775.



This preview shows how white text looks on a background with the Yxy color 26.4522, 0.3621, 0.1775.

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

26.4522, 0.3621, 0.1775

Protanopia

27.2360, 0.1966, 0.1744

Deuteranopia

26.8769, 0.2380, 0.2318



Tritanopia

26.6440, 0.5188, 0.3251

Trichromacy



Original Color

26.4522, 0.3621, 0.1775



Protanomaly

19.8341, 0.2293, 0.1442



Deuteranomaly

20.3508, 0.2725, 0.1771



Tritanomaly

24.6889, 0.4682, 0.2586

Monochromacy



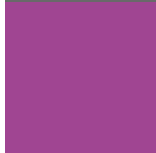
Original Color

26.4522, 0.3621, 0.1775



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.8051, 0.3391, 0.2146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4522, 0.3621, 0.1775 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, 6, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 6, 218)  
}
```

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, 6, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 6, 218) }
```

Border

The CSS property to change the border of an element to Yxy 26.4522, 0.3621, 0.1775 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, 6, 218) }
```

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

```
.border{ border-color:rgb(255, 6, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 6, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 6, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 6, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 6,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4522, 0.3621, 0.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 6, 218) }
```

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

```
.background{ background-color: rgb(255, 6,  
218) }
```

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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