

Converting Colors

$Y_{xy}(26.7444, 0.3616, 0.1786)$

Have a look what the booklet for
Yxy(26.7444, 0.3616, 0.1786)
contains.

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Color

Yxy(26.7229, 0.3620, 0.1788)

Conversions

Conversions Part 1

Format	Color
Hex	FF11DA
RGB	255, 17, 218
RGB Percent	100%, 7%, 85%
CMY	0.0000, 0.9339, 0.1451
CMYK	0.00, 0.93, 0.15, 0.00
HSL	309°, 100%, 53%
HSV	309°, 93%, 100%
XYZ	54.1034, 26.7229, 68.6306
YIQ	111.0760, 77.3270, 112.9670

Conversions

Conversions Part 2

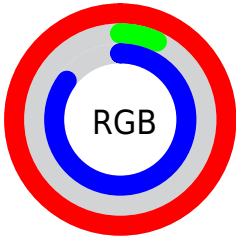
Format	Color
R _Y B	255, 17, 218
Decimal	16716250
CIE _{Lab}	58.72, 92.32, -42.66
CIE _{LCh}	59, 101.703, 335.201
Yxy	26.7229, 0.3620, 0.1788
Android (android.graphics.Color)	4294906330 (0xFFFF11DA)
YUV	111.0760, 52.7135, 126.2213
Hunter-Lab	51.6942, 96.3542, -42.5291

Details

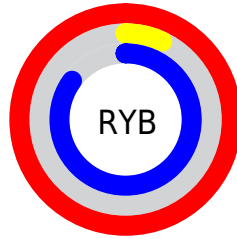
The Yxy color **26.7229, 0.3620, 0.1788** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **71.9029, 0.2956, 0.5800**, and the grayscale version is **15.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9954, 0.3191, 0.1928**, and **13.9461, 0.3664, 0.1792** is the 20% darker color. If you saturate the color by 10%, you get **26.1855, 0.3655, 0.1787**, and if you desaturate by 10%, it is **28.2126, 0.3563, 0.1819**.

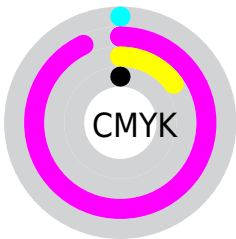
Distribution



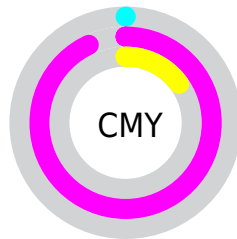
- Red (100%)
- Green (7%)
- Blue (85%)



- Red (100%)
- Yellow (7%)
- Blue (85%)



- Cyan (0%)
- Magenta (93%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7229, 0.3620, 0.1788 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 26.7229, 0.3620, 0.1788 by changing the saturation by 10% instead.


 26.7229, 0.3620,
0.1788


 26.7229, 0.3620,
0.1788


286.3129, 0.3405,
0.2482


 17.3652, 0.3664,
0.1635


 54.4389, 0.3549,
0.2026


 10.4952, 0.3714,
0.1450


 73.5660, 0.3520,
0.2119

 5.7285, 0.3770,
0.1226


 96.7184, 0.3495,
0.2200

 2.6807, 0.3831,
0.0953

 124.2804, 0.3473,
0.2271

 0.9674, 0.3886,
0.0629

 156.6365, 0.3453,
0.2334

 0.0000, 0.4014,
0.0000

194.1710, 0.3435,

 0.0000, 0.3787,

0.2389

0.0000

237.2683, 0.3419,
0.2438

■ 0.0000, 0.0332,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.7229, 0.3620,
0.1788

■ 26.7229, 0.3620,
0.1788

■ 26.1855, 0.3655,
0.1787


■ 28.2126, 0.3563,
0.1819


■ 30.8630, 0.3504,
0.1897

■ 34.8573, 0.3443,
0.2019


■ 40.3502, 0.3383,
0.2179

 47.4753, 0.3325,
0.2367

 56.3513, 0.3271,
0.2575

 67.0860, 0.3221,
0.2791

 79.7783, 0.3178,
0.3008

 94.5203, 0.3139,
0.3220

Harmonies

Analogous

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



26.7229, 0.2116, 0.1348



26.7229, 0.3620, 0.1788



26.7229, 0.5357, 0.2481

Triad

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



26.7229, 0.3620, 0.1788



26.7229, 0.4656, 0.5344



26.7229, 0.0819, 0.2108

Complementary

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



26.7229, 0.3620, 0.1788



71.9029, 0.2956, 0.5800

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.



26.7229, 0.1157, 0.3779



26.7229, 0.3620, 0.1788



26.7229, 0.3316, 0.6374

Square

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



26.7229, 0.3620, 0.1788



26.7229, 0.5743, 0.4160



26.7229, 0.2065, 0.5985



26.7229, 0.0871, 0.1403

Rectangle

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



26.7229, 0.3620, 0.1788



26.7229, 0.6051, 0.2995



26.7229, 0.2065, 0.5985



26.7229, 0.0878, 0.2536

Sweetspot

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



26.7179, 0.3620, 0.1788



61.9009, 0.3243, 0.2691



8.3618, 0.1598, 0.0678



12.2892, 0.3265, 0.2598



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.



26.7179, 0.3620, 0.1788



26.1855, 0.3655, 0.1787



22.5804, 0.5435, 0.2805



18.2490, 0.3162, 0.3092



13.7008, 0.3647, 0.1783



1.3465, 0.3589, 0.1751

Inverse Universe

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



26.7179, 0.3620, 0.1788



26.1855, 0.3655, 0.1787



74.6029, 0.2569, 0.4415



18.2490, 0.3162, 0.3092



13.7008, 0.3647, 0.1783



1.3465, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 26.7229, 0.3620, 0.1788 looks on a white background.

Color Contrast Check

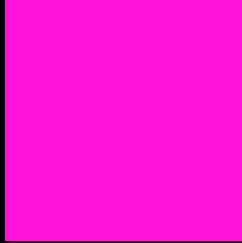
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7229, 0.3620, 0.1788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

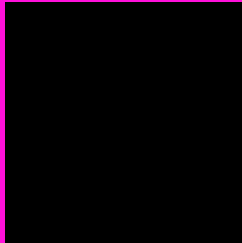
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7229, 0.3620, 0.1788

Background



This preview shows how black text looks on a background with the Yxy color 26.7229, 0.3620, 0.1788.



This preview shows how white text looks on a background with the Yxy color 26.7229, 0.3620, 0.1788.

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

26.7229, 0.3620, 0.1788

Protanopia

27.2818, 0.1970, 0.1745

Deuteranopia

27.2394, 0.2390, 0.2335



Tritanopia

26.8222, 0.5168, 0.3250

Trichromacy



Original Color

26.7229, 0.3620, 0.1788



Protanomaly

20.5272, 0.2299, 0.1480



Deuteranomaly

21.2344, 0.2728, 0.1825



Tritanomaly

25.1289, 0.4654, 0.2601

Monochromacy



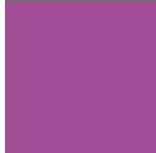
Original Color

26.7229, 0.3620, 0.1788



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

15.2963, 0.3365, 0.2212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7229, 0.3620, 0.1788 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, 17, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 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, 17, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 218) }
```

Border

The CSS property to change the border of an element to Yxy 26.7229, 0.3620, 0.1788 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, 17, 218) }
```

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

```
.border{ border-color:rgb(255, 17, 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, 17, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7229, 0.3620, 0.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 218) }
```

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

```
.background{ background-color: rgb(255, 17,  
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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