

Converting Colors

$Y_{xy}(27.0737, 0.3607, 0.1797)$

Have a look what the booklet for
Yxy(27.0737, 0.3607, 0.1797)
contains.

Yxy(27.1133, 0.3605, 0.1797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.1133, 0.3605, 0.1797)

Conversions

Conversions Part 1

Format	Color
Hex	FF1ADB
RGB	255, 26, 219
RGB Percent	100%, 10%, 86%
CMY	0.0000, 0.8978, 0.1412
CMYK	0.00, 0.90, 0.14, 0.00
HSL	309°, 100%, 55%
HSV	309°, 90%, 100%
XYZ	54.3926, 27.1133, 69.3750
YIQ	116.4730, 74.5310, 108.5710

Conversions

Conversions Part 2

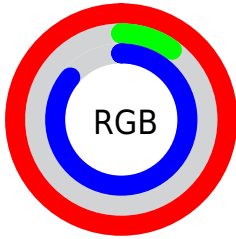
Format	Color
R _Y B	255, 26, 219
Decimal	16718555
CIE Lab	59.08, 91.50, -42.65
CIE LCh	59, 100.953, 335.008
Yxy	27.1133, 0.3605, 0.1797
Android (android.graphics.Color)	4294908635 (0xFFFF1ADB)
YUV	116.4730, 50.5458, 121.4882
Hunter-Lab	52.0704, 95.3371, -42.5446

Details

The Yxy color **27.1133, 0.3605, 0.1797** 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 **72.0860, 0.2949, 0.5736**, and the grayscale version is **17.4543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6319, 0.3190, 0.1949**, and **13.9818, 0.3647, 0.1783** is the 20% darker color. If you saturate the color by 10%, you get **26.1765, 0.3660, 0.1791**, and if you desaturate by 10%, it is **29.0042, 0.3547, 0.1845**.

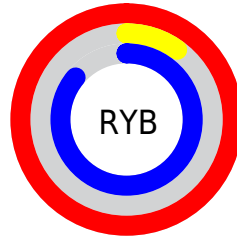
Distribution



Red (100%)

Green (10%)

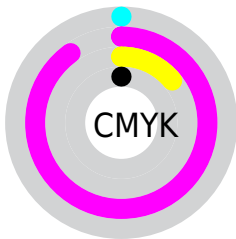
Blue (86%)



Red (100%)

Yellow (10%)

Blue (86%)

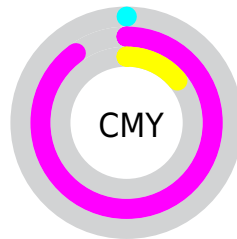


Cyan (0%)

Magenta (90%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1133, 0.3605, 0.1797 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 27.1133, 0.3605, 0.1797 by changing the saturation by 10% instead.


 27.1133, 0.3605,
0.1797


 27.1133, 0.3605,
0.1797


288.2053, 0.3397,
0.2487


 17.6583, 0.3647,
0.1645


 55.0656, 0.3537,
0.2033


 10.7050, 0.3695,
0.1462


 74.3318, 0.3509,
0.2126


 5.8688, 0.3748,
0.1239


 97.6371, 0.3485,
0.2206

 2.7655, 0.3805,
0.0968

 125.3660, 0.3463,
0.2277

 1.0106, 0.3856,
0.0644

 157.9029, 0.3444,
0.2339

 0.0000, 0.3982,
0.0000

195.6321, 0.3427,

 0.0000, 0.3748,

0.2394

0.0000

238.9381, 0.3411,
0.2443

■ 0.0000, 0.0656,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.1133, 0.3605,
0.1797

■ 27.1133, 0.3605,
0.1797

■ 26.1765, 0.3660,
0.1791

■ 29.0042, 0.3547,
0.1845

■ 26.1595, 0.3661,
0.1791

■ 32.1228, 0.3486,
0.1938

■ 36.6443, 0.3424,
0.2075

■ 42.7147, 0.3364,
0.2246

50.4617, 0.3306,
0.2442

59.9998, 0.3253,
0.2654

71.4332, 0.3206,
0.2871

84.8583, 0.3163,
0.3086

99.9991, 0.3127,
0.3290

Harmonies

Analogous

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



27.1133, 0.2119, 0.1361



27.1133, 0.3605, 0.1797



27.1133, 0.5322, 0.2486

Triad

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



27.1133, 0.3605, 0.1797



27.1133, 0.4658, 0.5324



27.1133, 0.0836, 0.2130

Complementary

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



27.1133, 0.3605, 0.1797



72.0860, 0.2949, 0.5736

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.



27.1133, 0.1180, 0.3791



27.1133, 0.3605, 0.1797



27.1133, 0.3335, 0.6340

Square

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



27.1133, 0.3605, 0.1797



27.1133, 0.5730, 0.4159



27.1133, 0.2089, 0.5956



27.1133, 0.0884, 0.1421

Rectangle

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



27.1133, 0.3605, 0.1797



27.1133, 0.6017, 0.2999



27.1133, 0.2089, 0.5956



27.1133, 0.0897, 0.2557

Sweetspot

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



27.1147, 0.3605, 0.1797



62.9831, 0.3240, 0.2714



8.9349, 0.1631, 0.0718



12.7009, 0.3257, 0.2640



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.



27.1147, 0.3605, 0.1797



26.1607, 0.3661, 0.1791



23.0455, 0.5323, 0.2774



18.2484, 0.3162, 0.3092



13.6879, 0.3653, 0.1786



1.3454, 0.3594, 0.1753

Inverse Universe

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



27.1147, 0.3605, 0.1797



26.1607, 0.3661, 0.1791



74.8274, 0.2563, 0.4367



18.2484, 0.3162, 0.3092



13.6879, 0.3653, 0.1786



1.3454, 0.3594, 0.1753

Previews

White Background



This preview shows how the Yxy color 27.1133, 0.3605, 0.1797 looks on a white background.

Color Contrast Check

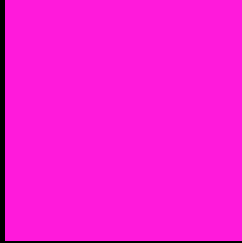
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1133, 0.3605, 0.1797 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 27.1133, 0.3605, 0.1797

Background



This preview shows how black text looks on a background with the Yxy color 27.1133, 0.3605, 0.1797.



This preview shows how white text looks on a background with the Yxy color 27.1133, 0.3605, 0.1797.

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

27.1133, 0.3605, 0.1797

Protanopia

27.6637, 0.1981, 0.1761

Deuteranopia

27.2879, 0.2384, 0.2323



Tritanopia

27.1860, 0.5128, 0.3249

Trichromacy



Original Color

27.1133, 0.3605, 0.1797



Protanomaly

21.3492, 0.2313, 0.1523



Deuteranomaly

21.8423, 0.2722, 0.1849



Tritanomaly

25.7170, 0.4623, 0.2623

Monochromacy



Original Color

27.1133, 0.3605, 0.1797



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.8892, 0.3355, 0.2272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1133, 0.3605, 0.1797 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, 26, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 219)  
}
```

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, 26, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 219) }
```

Border

The CSS property to change the border of an element to Yxy 27.1133, 0.3605, 0.1797 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, 26, 219) }
```

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

```
.border{ border-color:rgb(255, 26, 219) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1133, 0.3605, 0.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 219) }
```

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

```
.background{ background-color: rgb(255, 26,  
219) }
```

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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