

Converting Colors

Yxy(25.4840, 0.3683, 0.1803)

Have a look what the booklet for
Yxy(25.4840, 0.3683, 0.1803)
contains.

Yxy(25.3986, 0.3679, 0.1800)	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(25.3986, 0.3679, 0.1800)

Conversions

Conversions Part 1

Format	Color
Hex	FC00D3
RGB	252, 0, 211
RGB Percent	99%, 0%, 83%
CMY	0.0116, 1.0000, 0.1726
CMYK	0.00, 1.00, 0.16, 0.01
HSL	310°, 100%, 49%
HSV	310°, 100%, 99%
XYZ	51.9119, 25.3986, 63.7928
YIQ	99.4020, 82.4610, 119.0450

Conversions

Conversions Part 2

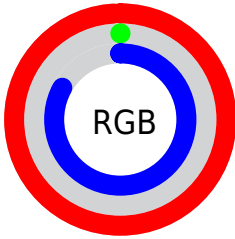
Format	Color
RYB	252, 0, 211
Decimal	16515283
CIELab	57.46, 92.06, -40.69
CIELCh	57, 100.656, 336.153
Yxy	25.3986, 0.3679, 0.1800
Android (android.graphics.Color)	4294705363 (0xFFFC00D3)
YUV	99.4020, 55.0178, 133.8284
Hunter-Lab	50.3970, 95.6708, -39.7717

Details

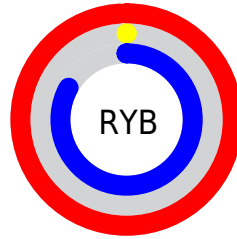
The Yxy color **25.3986, 0.3679, 0.1800** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **69.8036, 0.2966, 0.5878**, and the grayscale version is **12.4297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.3474, 0.3722, 0.1824** is the 20% darker color. If you saturate the color by 10%, you get **25.4052, 0.3679, 0.1800**, and if you desaturate by 10%, it is **26.3177, 0.3622, 0.1806**.

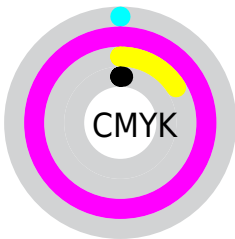
Distribution



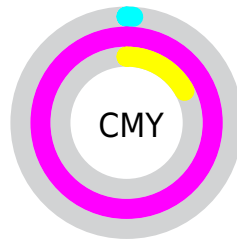
- Red (99%)
- Green (0%)
- Blue (83%)



- Red (99%)
- Yellow (0%)
- Blue (83%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3986, 0.3679, 0.1800 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 25.3986, 0.3679, 0.1800 by changing the saturation by 10% instead.


 25.3986, 0.3679,
0.1800


 25.3986, 0.3679,
0.1800

279.8172, 0.3430,
0.2496


 16.3743, 0.3732,
0.1644

 52.3031, 0.3595,
0.2040

 9.7894, 0.3794,
0.1456


 70.9521, 0.3562,
0.2134


 5.2595, 0.3867,
0.1226


 93.5781, 0.3532,
0.2215

 2.4003, 0.3950,
0.0945

 120.5656, 0.3507,
0.2286

 0.8261, 0.4037,
0.0608

 152.2988, 0.3484,
0.2348

 0.0000, 0.4199,
0.0000

189.1622, 0.3464,

 0.0000, 0.4024,

0.2403

0.0000

231.5402, 0.3446,
0.2452

■ 0.0000, 0.0000,
0.0000

■ 25.3986, 0.3679,
0.1800

■ 25.3986, 0.3679,
0.1800

■ 25.4052, 0.3679,
0.1800

■ 26.3177, 0.3622,
0.1806

■ 28.1436, 0.3561,
0.1851

■ 31.1619, 0.3498,
0.1944

■ 35.5424, 0.3434,
0.2079

■ 41.4272, 0.3371,
0.2248

■ 48.9408, 0.3312,
0.2443

■ 58.1946, 0.3258,
0.2653

■ 69.2903, 0.3209,
0.2869

■ 82.3216, 0.3165,
0.3083

Harmonies

Analogous

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



25.3986, 0.2148, 0.1350



25.3986, 0.3679, 0.1800



25.3986, 0.5416, 0.2500

Triad

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



25.3986, 0.3679, 0.1800



25.3986, 0.4614, 0.5386



25.3986, 0.0806, 0.2066

Complementary

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



25.3986, 0.3679, 0.1800



69.8036, 0.2966, 0.5878

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.



25.3986, 0.1128, 0.3710



25.3986, 0.3679, 0.1800



25.3986, 0.3268, 0.6411

Square

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



25.3986, 0.3679, 0.1800



25.3986, 0.5727, 0.4192



25.3986, 0.2019, 0.5954



25.3986, 0.0869, 0.1382

Rectangle

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



25.3986, 0.3679, 0.1800



25.3986, 0.6085, 0.3015



25.3986, 0.2019, 0.5954



25.3986, 0.0861, 0.2483

Sweetspot

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



25.4052, 0.3679, 0.1800



59.7437, 0.3258, 0.2653



7.4389, 0.1551, 0.0628



11.8817, 0.3280, 0.2563



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.



25.4052, 0.3679, 0.1800



26.0885, 0.3679, 0.1800



21.4102, 0.5625, 0.2872



17.4732, 0.3163, 0.3094



13.2482, 0.3670, 0.1795



1.2396, 0.3605, 0.1760

Inverse Universe

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



25.4052, 0.3679, 0.1800



26.0885, 0.3679, 0.1800



72.3172, 0.2584, 0.4502



17.4732, 0.3163, 0.3094



13.2482, 0.3670, 0.1795



1.2396, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 25.3986, 0.3679, 0.1800 looks on a white background.

Color Contrast Check

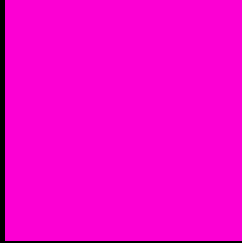
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3986, 0.3679, 0.1800 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 25.3986, 0.3679, 0.1800

Background



This preview shows how black text looks on a background with the Yxy color 25.3986, 0.3679, 0.1800.



This preview shows how white text looks on a background with the Yxy color 25.3986, 0.3679, 0.1800.

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

25.3986, 0.3679, 0.1800

Protanopia

26.4061, 0.1937, 0.1710

Deuteranopia

26.0361, 0.2426, 0.2373



Tritanopia

25.5919, 0.5224, 0.3251

Trichromacy



Original Color

25.3986, 0.3679, 0.1800



Protanomaly

18.7111, 0.2264, 0.1413



Deuteranomaly

19.3982, 0.2776, 0.1795



Tritanomaly

23.6521, 0.4728, 0.2591

Monochromacy



Original Color

25.3986, 0.3679, 0.1800



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

12.4170, 0.3418, 0.2119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3986, 0.3679, 0.1800 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(252, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 211)  
}
```

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(252, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 211) }
```

Border

The CSS property to change the border of an element to Yxy 25.3986, 0.3679, 0.1800 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(252, 0, 211) }
```

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

```
.border{ border-color:rgb(252, 0, 211) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3986, 0.3679, 0.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 211) }
```

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

```
.background{ background-color: rgb(252, 0,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor