

Converting Colors

$Y_{xy}(25.2651, 0.3883, 0.1928)$

Have a look what the booklet for
Yxy(25.2651, 0.3883, 0.1928)
contains.

Yxy(25.3650, 0.3885, 0.1929)	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(25.3650, 0.3885, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	FE0CC5
RGB	254, 12, 197
RGB Percent	100%, 5%, 77%
CMY	0.0039, 0.9529, 0.2273
CMYK	0.00, 0.95, 0.22, 0.00
HSL	314°, 99%, 52%
HSV	314°, 95%, 100%
XYZ	51.0850, 25.3650, 55.0430
YIQ	105.4480, 84.8470, 108.8390

Conversions

Conversions Part 2

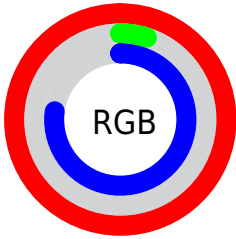
Format	Color
RYB	254, 12, 197
Decimal	16649413
CIELab	57.43, 90.02, -32.72
CIELCh	57, 95.782, 340.025
Yxy	25.3650, 0.3885, 0.1929
Android (android.graphics.Color)	4294839493 (0xFFFE0CC5)
YUV	105.4480, 45.1351, 130.2801
Hunter-Lab	50.3637, 92.9202, -29.5441

Details

The Yxy color **25.3650, 0.3885, 0.1929** 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 **71.3914, 0.2921, 0.5687**, and the grayscale version is **14.1131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5189, 0.3201, 0.1921**, and **13.1896, 0.3984, 0.1968** is the 20% darker color. If you saturate the color by 10%, you get **24.9751, 0.3928, 0.1937**, and if you desaturate by 10%, it is **26.7313, 0.3793, 0.1938**.

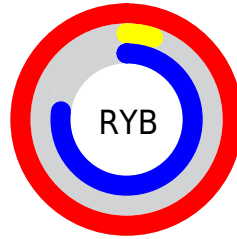
Distribution



Red (100%)

Green (5%)

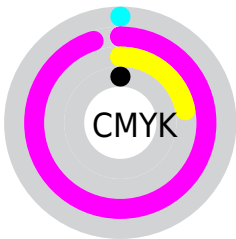
Blue (77%)



Red (100%)

Yellow (5%)

Blue (77%)

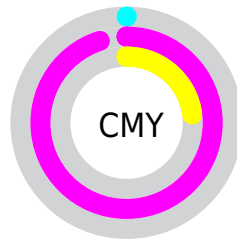


Cyan (0%)

Magenta (95%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (95%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3650, 0.3885, 0.1929 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 25.3650, 0.3885, 0.1929 by changing the saturation by 10% instead.


 25.3650, 0.3885,
0.1929


 25.3650, 0.3885,
0.1929


279.6508, 0.3516,
0.2579


 16.3492, 0.3972,
0.1779


 52.2487, 0.3754,
0.2156


 9.7716, 0.4081,
0.1596


 70.8855, 0.3704,
0.2245


 5.2478, 0.4218,
0.1367


 93.4980, 0.3661,
0.2320

 2.3934, 0.4397,
0.1079

 120.4706, 0.3624,
0.2386

 0.8225, 0.4631,
0.0719

 152.1879, 0.3592,
0.2443

 0.0000, 0.5089,
0.0000

189.0340, 0.3564,

 0.0000, 0.5312,

0.2494

0.0000

231.3936, 0.3539,
0.2539

■ 0.0000, 0.0000,
0.0000

■ 25.3650, 0.3885,
0.1929

■ 25.3650, 0.3885,
0.1929

■ 24.9751, 0.3928,
0.1937

■ 26.7313, 0.3793,
0.1938

■ 29.2067, 0.3697,
0.1994

■ 32.9879, 0.3601,
0.2097

■ 38.2333, 0.3508,
0.2240

■ 45.0783, 0.3421,
0.2411

■ 53.6433, 0.3341,
0.2600

■ 64.0368, 0.3269,
0.2798

■ 76.3585, 0.3206,
0.2997

■ 90.7008, 0.3152,
0.3191

Harmonies

Analogous

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



25.3650, 0.2345, 0.1447



25.3650, 0.3885, 0.1929



25.3650, 0.5482, 0.2638

Triad

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



25.3650, 0.3885, 0.1929



25.3650, 0.4437, 0.5492



25.3650, 0.0861, 0.1997

Complementary

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



25.3650, 0.3885, 0.1929



71.3914, 0.2921, 0.5687

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.



25.3650, 0.1131, 0.3440



25.3650, 0.3885, 0.1929



25.3650, 0.3147, 0.6339

Square

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



25.3650, 0.3885, 0.1929



25.3650, 0.5547, 0.4345



25.3650, 0.1943, 0.5580



25.3650, 0.0960, 0.1401

Rectangle

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



25.3650, 0.3885, 0.1929



25.3650, 0.6023, 0.3153



25.3650, 0.1943, 0.5580



25.3650, 0.0902, 0.2361

Sweetspot

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



25.3663, 0.3885, 0.1929



60.4771, 0.3295, 0.2724



8.6645, 0.1655, 0.0702



12.0021, 0.3325, 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.



25.3663, 0.3885, 0.1929



25.1986, 0.3928, 0.1937



21.8631, 0.5789, 0.2990



18.2229, 0.3174, 0.3110



13.1911, 0.3913, 0.1929



1.3012, 0.3816, 0.1876

Inverse Universe

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



25.3663, 0.3885, 0.1929



25.1986, 0.3928, 0.1937



74.6565, 0.2491, 0.4149



18.2229, 0.3174, 0.3110



13.1911, 0.3913, 0.1929



1.3012, 0.3816, 0.1876

Previews

White Background



This preview shows how the Yxy color 25.3650, 0.3885, 0.1929 looks on a white background.

Color Contrast Check

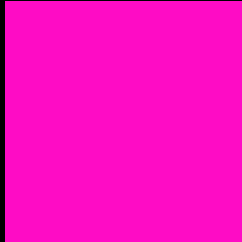
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3650, 0.3885, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

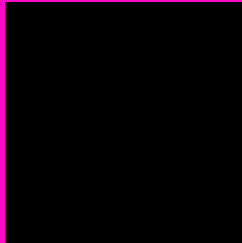
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3650, 0.3885, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 25.3650, 0.3885, 0.1929.



This preview shows how white text looks on a background with the Yxy color 25.3650, 0.3885, 0.1929.

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

25.3650, 0.3885, 0.1929

Protanopia

26.1257, 0.1934, 0.1697

Deuteranopia

25.9061, 0.2597, 0.2543



Tritanopia

25.4705, 0.5368, 0.3263

Trichromacy



Original Color

25.3650, 0.3885, 0.1929



Protanomaly

18.9156, 0.2298, 0.1474



Deuteranomaly

20.2127, 0.2997, 0.2003



Tritanomaly

24.0500, 0.4900, 0.2698

Monochromacy



Original Color

25.3650, 0.3885, 0.1929



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.7124, 0.3498, 0.2269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3650, 0.3885, 0.1929 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(254, 12, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 12, 197)  
}
```

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(254, 12, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 12, 197) }
```

Border

The CSS property to change the border of an element to Yxy 25.3650, 0.3885, 0.1929 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(254, 12, 197) }
```

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

```
.border{ border-color:rgb(254, 12, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 12, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 12, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 12, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 12,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3650, 0.3885, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 12, 197) }
```

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

```
.background{ background-color: rgb(254, 12,  
197) }
```

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