

Converting Colors

Yxy(25.8991, 0.3449, 0.1674)

Have a look what the booklet for
Yxy(25.8991, 0.3449, 0.1674)
contains.

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Color

Yxy(25.9254, 0.3448, 0.1673)

Conversions

Conversions Part 1

Format	Color
Hex	FA00E4
RGB	250, 0, 228
RGB Percent	98%, 0%, 89%
CMY	0.0196, 1.0000, 0.1058
CMYK	0.00, 1.00, 0.09, 0.02
HSL	305°, 100%, 49%
HSV	305°, 100%, 98%
XYZ	53.4314, 25.9254, 75.6067
YIQ	100.7420, 75.8120, 123.9080

Conversions

Conversions Part 2

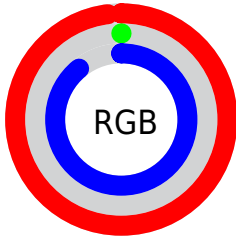
Format	Color
R _Y B	250, 0, 228
Decimal	16384228
CIE Lab	57.97, 93.84, -49.58
CIE LCh	58, 106.129, 332.151
Yxy	25.9254, 0.3448, 0.1673
Android (android.graphics.Color)	4294574308 (0xFFFA00E4)
YUV	100.7420, 62.7382, 130.8993
Hunter-Lab	50.9170, 98.2101, -52.3979

Details

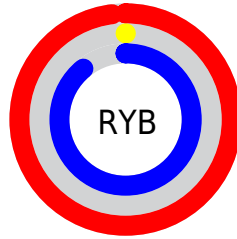
The Yxy color **25.9254, 0.3448, 0.1673** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **68.4308, 0.2987, 0.5955**, and the grayscale version is **12.7663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.6699, 0.3436, 0.1666** is the 20% darker color. If you saturate the color by 10%, you get **25.9275, 0.3448, 0.1673**, and if you desaturate by 10%, it is **26.7456, 0.3420, 0.1691**.

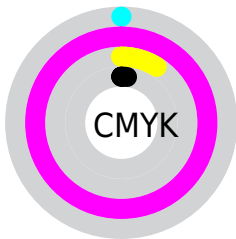
Distribution



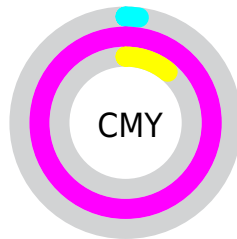
- Red (98%)
- Green (0%)
- Blue (89%)



- Red (98%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9254, 0.3448, 0.1673 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 25.9254, 0.3448, 0.1673 by changing the saturation by 10% instead.


 25.9254, 0.3448,
0.1673


 25.9254, 0.3448,
0.1673

282.4157, 0.3329,
0.2410


 16.7678, 0.3465,
0.1514


 53.1546, 0.3414,
0.1923

 10.0691, 0.3480,
0.1325


 71.9950, 0.3399,
0.2022


 5.4448, 0.3490,
0.1098


 94.8318, 0.3385,
0.2108

 2.5105, 0.3484,
0.0830

 122.0494, 0.3372,
0.2183

 0.8819, 0.3441,
0.0521

 154.0322, 0.3360,
0.2250

 0.0000, 0.3382,
0.0000

191.1646, 0.3349,

 0.0000, 0.2981,

0.2309

0.0000

233.8309, 0.3339,
0.2362

■ 0.0000, 0.0000,
0.0000

■ 25.9254, 0.3448,
0.1673

■ 25.9254, 0.3448,
0.1673

■ 25.9275, 0.3448,
0.1673

■ 26.7456, 0.3420,
0.1691

■ 28.4560, 0.3388,
0.1747

■ 31.3330, 0.3354,
0.1848

■ 35.5429, 0.3319,
0.1991

■ 41.2250, 0.3283,
0.2171

■ 48.5014, 0.3247,
0.2378

■ 57.4812, 0.3213,
0.2602

■ 68.2639, 0.3182,
0.2833

■ 80.9416, 0.3153,
0.3065

Harmonies

Analogous

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



25.9254, 0.1952, 0.1259



25.9254, 0.3448, 0.1673



25.9254, 0.5306, 0.2359

Triad

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



25.9254, 0.3448, 0.1673



25.9254, 0.4779, 0.5221



25.9254, 0.0762, 0.2163

Complementary

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



25.9254, 0.3448, 0.1673



68.4308, 0.2987, 0.5955

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.



25.9254, 0.1141, 0.4038



25.9254, 0.3448, 0.1673



25.9254, 0.3402, 0.6424

Square

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



25.9254, 0.3448, 0.1673



25.9254, 0.5906, 0.4028



25.9254, 0.2110, 0.6318



25.9254, 0.0788, 0.1376

Rectangle

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



25.9254, 0.3448, 0.1673



25.9254, 0.6116, 0.2873



25.9254, 0.2110, 0.6318



25.9254, 0.0831, 0.2643

Sweetspot

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



25.9275, 0.3448, 0.1673



60.0946, 0.3213, 0.2601



7.0599, 0.1520, 0.0611



11.9667, 0.3227, 0.2505



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.



25.9275, 0.3448, 0.1673



27.1195, 0.3448, 0.1673



21.3274, 0.5355, 0.2724



17.4967, 0.3152, 0.3076



13.7634, 0.3444, 0.1671



1.2822, 0.3412, 0.1653

Inverse Universe

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



25.9275, 0.3448, 0.1673



27.1195, 0.3448, 0.1673



70.4432, 0.2651, 0.4745



17.4967, 0.3152, 0.3076



13.7634, 0.3444, 0.1671



1.2822, 0.3412, 0.1653

Previews

White Background



This preview shows how the Yxy color 25.9254, 0.3448, 0.1673 looks on a white background.

Color Contrast Check

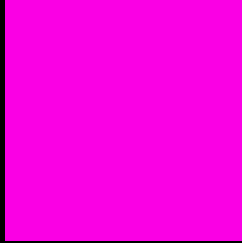
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9254, 0.3448, 0.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

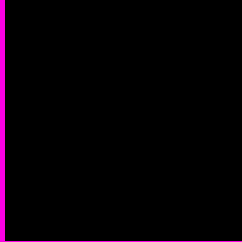
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9254, 0.3448, 0.1673

Background



This preview shows how black text looks on a background with the Yxy color 25.9254, 0.3448, 0.1673.



This preview shows how white text looks on a background with the Yxy color 25.9254, 0.3448, 0.1673.

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

25.9254, 0.3448, 0.1673

Protanopia

26.8168, 0.1951, 0.1727

Deuteranopia

26.5543, 0.2248, 0.2193



Tritanopia

26.1431, 0.5048, 0.3247

Trichromacy



Original Color

25.9254, 0.3448, 0.1673



Protanomaly

19.1597, 0.2239, 0.1382



Deuteranomaly

19.4273, 0.2546, 0.1634



Tritanomaly

23.7867, 0.4524, 0.2500

Monochromacy



Original Color

25.9254, 0.3448, 0.1673



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.7419, 0.3307, 0.2044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9254, 0.3448, 0.1673 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(250, 0, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 228)  
}
```

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(250, 0, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 228) }
```

Border

The CSS property to change the border of an element to Yxy 25.9254, 0.3448, 0.1673 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(250, 0, 228) }
```

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

```
.border{ border-color:rgb(250, 0, 228) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9254, 0.3448, 0.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 228) }
```

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

```
.background{ background-color: rgb(250, 0,  
228) }
```

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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