

Converting Colors

$Y_{xy}(25.8573, 0.3066, 0.1463)$

Have a look what the booklet for
Yxy(25.8573, 0.3066, 0.1463)
contains.

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Color

Yxy(25.9208, 0.3069, 0.1464)

Conversions

Conversions Part 1

Format	Color
Hex	F100FF
RGB	241, 0, 255
RGB Percent	95%, 0%, 100%
CMY	0.0548, 1.0000, 0.0000
CMYK	0.05, 1.00, 0.00, 0.00
HSL	297°, 100%, 50%
HSV	297°, 100%, 100%
XYZ	54.3381, 25.9208, 96.7958
YIQ	101.1290, 61.7810, 130.3970

Conversions

Conversions Part 2

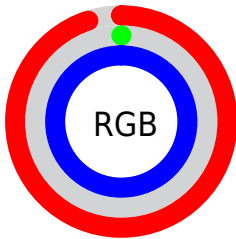
Format	Color
R_{YB}	241, 0, 255
Decimal	15794431
CIE _{Lab}	57.96, 96.18, -64.79
CIE _{LCh}	58, 115.963, 326.035
Yxy	25.9208, 0.3069, 0.1464
Android (android.graphics.Color)	4293984511 (0xFFFF100FF)
YUV	101.1290, 75.8584, 122.6669
Hunter-Lab	50.9125, 101.4134, -77.0846

Details

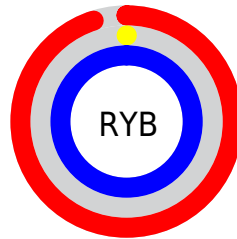
The Yxy color **25.9208, 0.3069, 0.1464** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **71.6132, 0.3008, 0.5994**, and the grayscale version is **12.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.7345, 0.2992, 0.1422** is the 20% darker color. If you saturate the color by 10%, you get **25.9246, 0.3070, 0.1465**, and if you desaturate by 10%, it is **26.8884, 0.3083, 0.1503**.

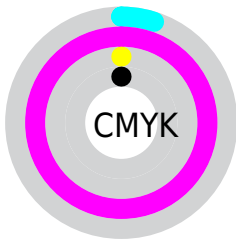
Distribution



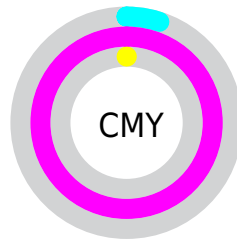
- Red (95%)
- Green (0%)
- Blue (100%)



- Red (95%)
- Yellow (0%)
- Blue (100%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9208, 0.3069, 0.1464 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 25.9208, 0.3069, 0.1464 by changing the saturation by 10% instead.

 25.9208, 0.3069,
0.1464


 25.9208, 0.3069,
0.1464


282.3931, 0.3156,
0.2265


 16.7644, 0.3034,
0.1301


 53.1471, 0.3112,
0.1728

 10.0667, 0.2983,
0.1111


 71.9859, 0.3125,
0.1835


 5.4432, 0.2907,
0.0893


 94.8209, 0.3134,
0.1929

 2.5096, 0.2790,
0.0645

 122.0365, 0.3141,
0.2012

 0.8814, 0.2604,
0.0380

 154.0171, 0.3147,
0.2085

 0.0000, 0.2334,
0.0000

191.1471, 0.3151,

 0.0000, 0.1810,

0.2152

0.0000

233.8110, 0.3154,
0.2211

■ 0.0000, 0.0130,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 25.9208, 0.3069,
0.1464

■ 25.9208, 0.3069,
0.1464

■ 25.9246, 0.3070,
0.1465

■ 26.8884, 0.3083,
0.1503

■ 28.7881, 0.3095,
0.1578

■ 31.9092, 0.3106,
0.1697

■ 36.4266, 0.3115,
0.1860

■ 42.4867, 0.3122,
0.2059

■ 50.2174, 0.3127,
0.2287

■ 59.7334, 0.3130,
0.2534

■ 71.1393, 0.3130,
0.2788

■ 84.5316, 0.3129,
0.3043

Harmonies

Analogous

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



25.9208, 0.1644, 0.1109



25.9208, 0.3069, 0.1464



25.9208, 0.5105, 0.2122

Triad

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



25.9208, 0.3069, 0.1464



25.9208, 0.5059, 0.4941



25.9208, 0.0679, 0.2341

Complementary

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



25.9208, 0.3069, 0.1464



71.6132, 0.3008, 0.5994

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.



25.9208, 0.1148, 0.4669



25.9208, 0.3069, 0.1464



25.9208, 0.3606, 0.6394

Square

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



25.9208, 0.3069, 0.1464



25.9208, 0.6211, 0.3751



25.9208, 0.2227, 0.6881



25.9208, 0.0653, 0.1359

Rectangle

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



25.9208, 0.3069, 0.1464



25.9208, 0.6159, 0.2636



25.9208, 0.2227, 0.6881



25.9208, 0.0770, 0.2946

Sweetspot

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



25.9246, 0.3070, 0.1465



59.7334, 0.3130, 0.2534



7.6209, 0.1508, 0.0630



11.8786, 0.3129, 0.2428



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.



25.9246, 0.3070, 0.1465



23.2889, 0.4714, 0.2371



18.2467, 0.3129, 0.3055



13.5681, 0.3072, 0.1466



1.3360, 0.3089, 0.1475

Inverse Universe

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



21.2916, 0.6361, 0.3278



72.6567, 0.2794, 0.5260



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3199

Previews

White Background



This preview shows how the Yxy color 25.9208, 0.3069, 0.1464 looks on a white background.

Color Contrast Check

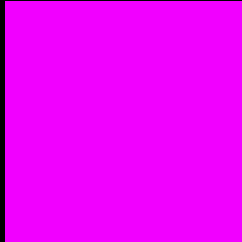
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9208, 0.3069, 0.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

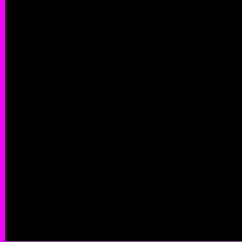
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9208, 0.3069, 0.1464

Background



This preview shows how black text looks on a background with the Yxy color 25.9208, 0.3069, 0.1464.



This preview shows how white text looks on a background with the Yxy color 25.9208, 0.3069, 0.1464.

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

25.9208, 0.3069, 0.1464

Protanopia

26.7736, 0.1947, 0.1725

Deuteranopia

26.7955, 0.1966, 0.1906



Tritanopia

26.0232, 0.4691, 0.3216

Trichromacy



Original Color

25.9208, 0.3069, 0.1464



Protanomaly

19.4397, 0.2157, 0.1313



Deuteranomaly

18.6507, 0.2151, 0.1367



Tritanomaly

23.0630, 0.4091, 0.2307

Monochromacy



Original Color

25.9208, 0.3069, 0.1464



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.7765, 0.3119, 0.1910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9208, 0.3069, 0.1464 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(241, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 255)  
}
```

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(241, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.9208, 0.3069, 0.1464 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(241, 0, 255) }
```

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

```
.border{ border-color:rgb(241, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 25.9208, 0.3069, 0.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 255) }
```

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

```
.background{ background-color: rgb(241, 0,  
255) }
```

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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