

Converting Colors

$Y_{xy}(25.2758, 0.4008, 0.2002)$

Have a look what the booklet for
Yxy(25.2758, 0.4008, 0.2002)
contains.

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Color

Yxy(25.2758, 0.4008, 0.2002)

Conversions

Conversions Part 1

Format	Color
Hex	FF0FBD
RGB	255, 15, 189
RGB Percent	100%, 6%, 74%
CMY	0.0000, 0.9415, 0.2587
CMYK	0.00, 0.94, 0.26, 0.00
HSL	316°, 100%, 53%
HSV	316°, 94%, 100%
XYZ	50.6021, 25.2758, 50.3748
YIQ	106.5960, 87.1860, 104.9940

Conversions

Conversions Part 2

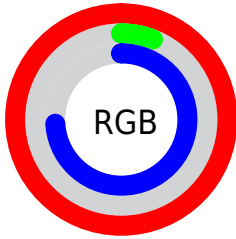
Format	Color
R _Y B	255, 15, 189
Decimal	16715709
CIE Lab	57.34, 89.11, -28.23
CIE LCh	57, 93.472, 342.421
Yxy	25.2758, 0.4008, 0.2002
Android (android.graphics.Color)	4294905789 (0xFFFF0FBD)
YUV	106.5960, 40.6252, 130.1503
Hunter-Lab	50.2750, 91.6799, -24.2152

Details

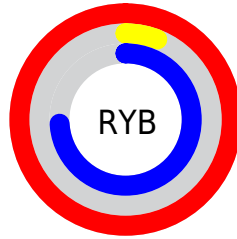
The Yxy color **25.2758, 0.4008, 0.2002** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **72.2133, 0.2894, 0.5582**, and the grayscale version is **14.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0170, 0.3275, 0.1978**, and **13.0867, 0.4151, 0.2061** is the 20% darker color. If you saturate the color by 10%, you get **24.7600, 0.4072, 0.2017**, and if you desaturate by 10%, it is **26.7934, 0.3895, 0.2008**.

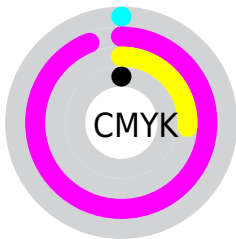
Distribution



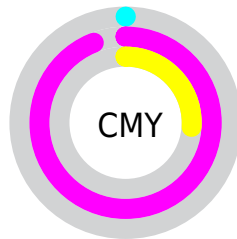
- Red (100%)
- Green (6%)
- Blue (74%)



- Red (100%)
- Yellow (6%)
- Blue (74%)



- Cyan (0%)
- Magenta (94%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (94%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2758, 0.4008, 0.2002 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 25.2758, 0.4008, 0.2002 by changing the saturation by 10% instead.


 25.2758, 0.4008,
0.2002


 25.2758, 0.4008,
0.2002


279.2087, 0.3568,
0.2625


 16.2827, 0.4116,
0.1856


 52.1043, 0.3849,
0.2222


 9.7244, 0.4253,
0.1675


 70.7084, 0.3789,
0.2307


 5.2166, 0.4432,
0.1447


 93.2850, 0.3738,
0.2379

 2.3749, 0.4671,
0.1156

 120.2185, 0.3694,
0.2442

 0.8129, 0.5005,
0.0783

 151.8932, 0.3656,
0.2496

 0.0000, 0.5669,
0.0000

188.6935, 0.3623,

 0.0000, 0.6531,


0.2544


0.0000


231.0039, 0.3594,
0.2587


 0.0000, 0.0000,
0.0000


 25.2758, 0.4008,
0.2002

 25.2758, 0.4008,
0.2002


 24.7600, 0.4072,
0.2017

 26.7934, 0.3895,
0.2008

 29.4611, 0.3779,
0.2063

 33.4699, 0.3665,
0.2165

 38.9767, 0.3555,
0.2304

 46.1165, 0.3453,
0.2471

■ 55.0092, 0.3361,
0.2654

■ 65.7635, 0.3280,
0.2844

■ 78.4789, 0.3209,
0.3033

■ 93.2483, 0.3149,
0.3216

Harmonies

Analogous

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



25.2758, 0.2462, 0.1501



25.2758, 0.4008, 0.2002



25.2758, 0.5525, 0.2716

Triad

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



25.2758, 0.4008, 0.2002



25.2758, 0.4332, 0.5551



25.2758, 0.0887, 0.1954

Complementary

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



25.2758, 0.4008, 0.2002



72.2133, 0.2894, 0.5582

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.



25.2758, 0.1126, 0.3293



25.2758, 0.4008, 0.2002



25.2758, 0.3067, 0.6290

Square

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



25.2758, 0.4008, 0.2002



25.2758, 0.5447, 0.4434



25.2758, 0.1890, 0.5370



25.2758, 0.1010, 0.1406

Rectangle

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



25.2758, 0.4008, 0.2002



25.2758, 0.5994, 0.3232



25.2758, 0.1890, 0.5370



25.2758, 0.0920, 0.2291

Sweetspot

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



25.2750, 0.4008, 0.2002



61.3953, 0.3310, 0.2770



9.2191, 0.1703, 0.0732



12.1659, 0.3345, 0.2688



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.



25.2750, 0.4008, 0.2002



24.7600, 0.4072, 0.2017



22.0535, 0.5863, 0.3039



18.2102, 0.3180, 0.3119



12.9642, 0.4055, 0.2007



1.2807, 0.3936, 0.1942

Inverse Universe

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



25.2750, 0.4008, 0.2002



24.7600, 0.4072, 0.2017



75.7435, 0.2458, 0.4024



18.2102, 0.3180, 0.3119



12.9642, 0.4055, 0.2007



1.2807, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 25.2758, 0.4008, 0.2002 looks on a white background.

Color Contrast Check

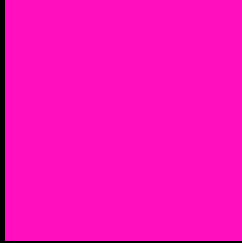
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2758, 0.4008, 0.2002 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 25.2758, 0.4008, 0.2002

Background



This preview shows how black text looks on a background with the Yxy color 25.2758, 0.4008, 0.2002.



This preview shows how white text looks on a background with the Yxy color 25.2758, 0.4008, 0.2002.

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

25.2758, 0.4008, 0.2002

Protanopia

26.0844, 0.1930, 0.1695

Deuteranopia

25.6079, 0.2694, 0.2644



Tritanopia

25.3708, 0.5441, 0.3264

Trichromacy



Original Color

25.2758, 0.4008, 0.2002



Protanomaly

18.9144, 0.2317, 0.1504



Deuteranomaly

20.2206, 0.3122, 0.2099



Tritanomaly

24.2021, 0.5001, 0.2749

Monochromacy



Original Color

25.2758, 0.4008, 0.2002



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

14.2808, 0.3538, 0.2333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2758, 0.4008, 0.2002 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, 15, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 189)  
}
```

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, 15, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 189) }
```

Border

The CSS property to change the border of an element to Yxy 25.2758, 0.4008, 0.2002 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, 15, 189) }
```

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

```
.border{ border-color:rgb(255, 15, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2758, 0.4008, 0.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 189) }
```

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

```
.background{ background-color: rgb(255, 15,  
189) }
```

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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