

Converting Colors

$Y_{xy}(25.7067, 0.3969, 0.2000)$

Have a look what the booklet for
Yxy(25.7067, 0.3969, 0.2000)
contains.

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Color

Yxy(25.6749, 0.3976, 0.2003)

Conversions

Conversions Part 1

Format	Color
Hex	FF18BF
RGB	255, 24, 191
RGB Percent	100%, 9%, 75%
CMY	0.0000, 0.9055, 0.2511
CMYK	0.00, 0.91, 0.25, 0.00
HSL	317°, 100%, 55%
HSV	317°, 91%, 100%
XYZ	50.9653, 25.6749, 51.5421
YIQ	112.1070, 84.0690, 100.9090

Conversions

Conversions Part 2

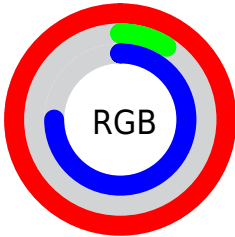
Format	Color
R _Y B	255, 24, 191
Decimal	16718015
CIE _{Lab}	57.73, 88.42, -28.75
CIE _{LCh}	58, 92.977, 341.985
Yxy	25.6749, 0.3976, 0.2003
Android (android.graphics.Color)	4294908095 (0xFFFF18BF)
YUV	112.1070, 38.8942, 125.3172
Hunter-Lab	50.6704, 90.8655, -24.8407

Details

The Yxy color **25.6749, 0.3976, 0.2003** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **72.4163, 0.2881, 0.5504**, and the grayscale version is **16.1193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7624, 0.3255, 0.1985**, and **13.1436, 0.4112, 0.2039** is the 20% darker color. If you saturate the color by 10%, you get **24.7309, 0.4082, 0.2022**, and if you desaturate by 10%, it is **27.5852, 0.3860, 0.2026**.

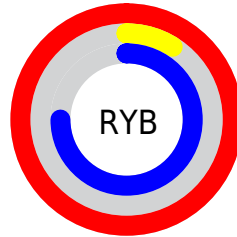
Distribution



Red (100%)

Green (9%)

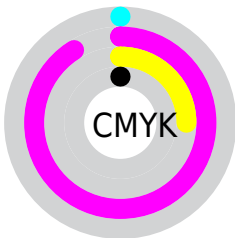
Blue (75%)



Red (100%)

Yellow (9%)

Blue (75%)

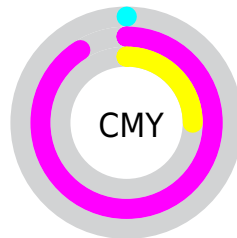


Cyan (0%)

Magenta (91%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (91%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6749, 0.3976, 0.2003 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 25.6749, 0.3976, 0.2003 by changing the saturation by 10% instead.


 25.6749, 0.3976,
0.2003


 25.6749, 0.3976,
0.2003


281.1825, 0.3554,
0.2624


 16.5806, 0.4079,
0.1858


 52.7500, 0.3824,
0.2222


 9.9359, 0.4209,
0.1678


 71.4996, 0.3766,
0.2306


 5.3565, 0.4378,
0.1453


 94.2364, 0.3718,
0.2378

 2.4579, 0.4603,
0.1164

 121.3448, 0.3676,
0.2441

 0.8554, 0.4914,
0.0797

 153.2093, 0.3639,
0.2495

 0.0000, 0.5549,
0.0000

190.2141, 0.3607,

 0.0000, 0.6203,

0.2543

0.0000

232.7437, 0.3579,
0.2586

■ 0.0000, 0.0000,
0.0000

■ 25.6749, 0.3976,
0.2003

■ 25.6749, 0.3976,
0.2003

■ 24.7309, 0.4082,
0.2022

■ 27.5852, 0.3860,
0.2026

■ 30.7182, 0.3743,
0.2099

■ 35.2521, 0.3629,
0.2215

■ 41.3348, 0.3520,
0.2365

■ 49.0954, 0.3421,
0.2538

■ 58.6493, 0.3332,
0.2724

■ 70.1018, 0.3254,
0.2914

■ 83.5497, 0.3187,
0.3101

99.0836, 0.3130,
0.3280

Harmonies

Analogous

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



25.6749, 0.2451, 0.1508



25.6749, 0.3976, 0.2003



25.6749, 0.5486, 0.2713

Triad

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



25.6749, 0.3976, 0.2003



25.6749, 0.4349, 0.5522



25.6749, 0.0902, 0.1979

Complementary

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



25.6749, 0.3976, 0.2003



72.4163, 0.2881, 0.5504

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.



25.6749, 0.1149, 0.3322



25.6749, 0.3976, 0.2003



25.6749, 0.3095, 0.6258

Square

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



25.6749, 0.3976, 0.2003



25.6749, 0.5447, 0.4419



25.6749, 0.1920, 0.5371



25.6749, 0.1018, 0.1424

Rectangle

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



25.6749, 0.3976, 0.2003



25.6749, 0.5965, 0.3227



25.6749, 0.1920, 0.5371



25.6749, 0.0937, 0.2319

Sweetspot

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



25.6763, 0.3976, 0.2003



62.4919, 0.3303, 0.2791



9.8404, 0.1742, 0.0773



12.5837, 0.3331, 0.2726



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.



25.6763, 0.3976, 0.2003



24.7329, 0.4082, 0.2022



22.4658, 0.5750, 0.3008



18.2094, 0.3181, 0.3120



12.9501, 0.4064, 0.2012



1.2795, 0.3943, 0.1946

Inverse Universe

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



25.6763, 0.3976, 0.2003



24.7329, 0.4082, 0.2022



75.9322, 0.2456, 0.3993



18.2094, 0.3181, 0.3120



12.9501, 0.4064, 0.2012



1.2795, 0.3943, 0.1946

Previews

White Background



This preview shows how the Yxy color 25.6749, 0.3976, 0.2003 looks on a white background.

Color Contrast Check

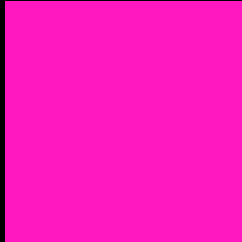
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6749, 0.3976, 0.2003 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 25.6749, 0.3976, 0.2003

Background



This preview shows how black text looks on a background with the Yxy color 25.6749, 0.3976, 0.2003.



This preview shows how white text looks on a background with the Yxy color 25.6749, 0.3976, 0.2003.

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

25.6749, 0.3976, 0.2003

Protanopia

26.2102, 0.1941, 0.1699

Deuteranopia

26.0515, 0.2689, 0.2633



Tritanopia

25.8321, 0.5382, 0.3263

Trichromacy



Original Color

25.6749, 0.3976, 0.2003



Protanomaly

19.8503, 0.2335, 0.1546



Deuteranomaly

21.1318, 0.3110, 0.2129



Tritanomaly

24.7552, 0.4936, 0.2749

Monochromacy



Original Color

25.6749, 0.3976, 0.2003



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.5529, 0.3508, 0.2373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6749, 0.3976, 0.2003 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, 24, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 191)  
}
```

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, 24, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 191) }
```

Border

The CSS property to change the border of an element to Yxy 25.6749, 0.3976, 0.2003 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, 24, 191) }
```

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

```
.border{ border-color:rgb(255, 24, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 24, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6749, 0.3976, 0.2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 191) }
```

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

```
.background{ background-color: rgb(255, 24,  
191) }
```

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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