

Converting Colors

$Y_{xy}(25.5057, 0.3736, 0.1861)$

Have a look what the booklet for
Yxy(25.5057, 0.3736, 0.1861)
contains.

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Color

Yxy(25.5018, 0.3728, 0.1857)

Conversions

Conversions Part 1

Format	Color
Hex	FB15CE
RGB	251, 21, 206
RGB Percent	98%, 8%, 81%
CMY	0.0157, 0.9177, 0.1921
CMYK	0.00, 0.92, 0.18, 0.02
HSL	312°, 97%, 53%
HSV	312°, 92%, 98%
XYZ	51.1959, 25.5018, 60.6303
YIQ	110.8600, 77.6950, 106.2950

Conversions

Conversions Part 2

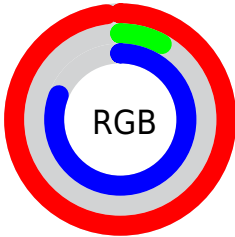
Format	Color
R _Y B	251, 21, 206
Decimal	16455118
CIE Lab	57.56, 89.75, -37.71
CIE LCh	58, 97.347, 337.208
Yxy	25.5018, 0.3728, 0.1857
Android (android.graphics.Color)	4294645198 (0xFFFB15CE)
YUV	110.8600, 46.9040, 122.9028
Hunter-Lab	50.4993, 92.5883, -35.8350

Details

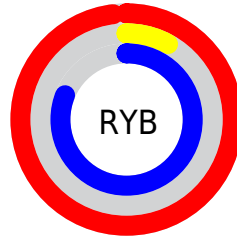
The Yxy color **25.5018, 0.3728, 0.1857** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **69.5501, 0.2933, 0.5700**, and the grayscale version is **15.6958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9954, 0.3191, 0.1928**, and **13.0532, 0.3795, 0.1864** is the 20% darker color. If you saturate the color by 10%, you get **24.7708, 0.3788, 0.1860**, and if you desaturate by 10%, it is **27.1701, 0.3653, 0.1890**.

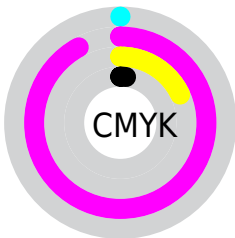
Distribution



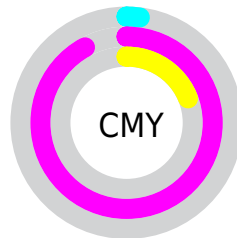
- Red (98%)
- Green (8%)
- Blue (81%)



- Red (98%)
- Yellow (8%)
- Blue (81%)



- Cyan (0%)
- Magenta (92%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (92%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5018, 0.3728, 0.1857 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 25.5018, 0.3728, 0.1857 by changing the saturation by 10% instead.


 25.5018, 0.3728,
0.1857


 25.5018, 0.3728,
0.1857


280.3278, 0.3449,
0.2533


 16.4513, 0.3790,
0.1704


 52.4701, 0.3632,
0.2091

 9.8441, 0.3864,
0.1518


 71.1568, 0.3594,
0.2183


 5.2957, 0.3955,
0.1289


 93.8242, 0.3562,
0.2261

 2.4218, 0.4064,
0.1005

 120.8569, 0.3533,
0.2330

 0.8371, 0.4191,
0.0659

 152.6392, 0.3508,
0.2390

 0.0000, 0.4437,
0.0000

189.5555, 0.3486,


 0.0000, 0.4347,


0.2443


0.0000


231.9903, 0.3466,
0.2490


 0.0000, 0.0000,
0.0000


 25.5018, 0.3728,
0.1857

 25.5018, 0.3728,
0.1857


 24.7708, 0.3788,
0.1860

 27.1701, 0.3653,
0.1890

 29.9891, 0.3576,
0.1971

 34.1342, 0.3499,
0.2095

 39.7498, 0.3423,
0.2255

 46.9616, 0.3352,
0.2441

■ 55.8818, 0.3287,
0.2642

■ 66.6125, 0.3229,
0.2850

■ 79.2477, 0.3178,
0.3057

■ 93.8750, 0.3134,
0.3258

Harmonies

Analogous

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



25.5018, 0.2219, 0.1401



25.5018, 0.3728, 0.1857



25.5018, 0.5392, 0.2555

Triad

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



25.5018, 0.3728, 0.1857



25.5018, 0.4561, 0.5399



25.5018, 0.0849, 0.2072

Complementary

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



25.5018, 0.3728, 0.1857



69.5501, 0.2933, 0.5700

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.



25.5018, 0.1160, 0.3631



25.5018, 0.3728, 0.1857



25.5018, 0.3254, 0.6340

Square

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



25.5018, 0.3728, 0.1857



25.5018, 0.5648, 0.4242



25.5018, 0.2027, 0.5787



25.5018, 0.0919, 0.1414

Rectangle

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



25.5018, 0.3728, 0.1857



25.5018, 0.6018, 0.3069



25.5018, 0.2027, 0.5787



25.5018, 0.0902, 0.2469

Sweetspot

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



25.5031, 0.3728, 0.1857



62.8240, 0.3260, 0.2738



8.5626, 0.1642, 0.0712



12.6629, 0.3280, 0.2667



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.



25.5031, 0.3728, 0.1857



25.6742, 0.3788, 0.1861



21.8507, 0.5501, 0.2858



17.4629, 0.3168, 0.3101



13.0409, 0.3776, 0.1854



1.2222, 0.3696, 0.1810

Inverse Universe

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



25.5031, 0.3728, 0.1857



25.6742, 0.3788, 0.1861



72.3781, 0.2534, 0.4279



17.4629, 0.3168, 0.3101



13.0409, 0.3776, 0.1854



1.2222, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 25.5018, 0.3728, 0.1857 looks on a white background.

Color Contrast Check

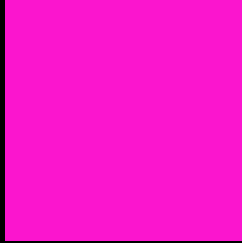
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5018, 0.3728, 0.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

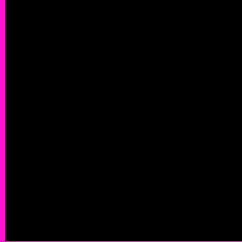
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5018, 0.3728, 0.1857

Background



This preview shows how black text looks on a background with the Yxy color 25.5018, 0.3728, 0.1857.



This preview shows how white text looks on a background with the Yxy color 25.5018, 0.3728, 0.1857.

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

25.5018, 0.3728, 0.1857

Protanopia

26.1257, 0.1934, 0.1697

Deuteranopia

25.7346, 0.2481, 0.2426



Tritanopia

25.5754, 0.5237, 0.3260

Trichromacy



Original Color

25.5018, 0.3728, 0.1857



Protanomaly

19.6953, 0.2278, 0.1491



Deuteranomaly

20.5865, 0.2849, 0.1927



Tritanomaly

24.2559, 0.4754, 0.2663

Monochromacy



Original Color

25.5018, 0.3728, 0.1857



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

15.2055, 0.3408, 0.2271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5018, 0.3728, 0.1857 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(251, 21, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 21, 206)  
}
```

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(251, 21, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 21, 206) }
```

Border

The CSS property to change the border of an element to Yxy 25.5018, 0.3728, 0.1857 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(251, 21, 206) }
```

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

```
.border{ border-color:rgb(251, 21, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 21, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 21, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 21, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 21,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5018, 0.3728, 0.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 21, 206) }
```

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

```
.background{ background-color: rgb(251, 21,  
206) }
```

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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