

Converting Colors

$Y_{xy}(25.9610, 0.3637, 0.1916)$

Have a look what the booklet for
Yxy(25.9610, 0.3637, 0.1916)
contains.

Yxy(25.9184, 0.3637, 0.1916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.9184, 0.3637, 0.1916)

Conversions

Conversions Part 1

Format	Color
Hex	F334CD
RGB	243, 52, 205
RGB Percent	95%, 20%, 80%
CMY	0.0472, 0.7957, 0.1961
CMYK	0.00, 0.79, 0.16, 0.05
HSL	312°, 89%, 58%
HSV	312°, 79%, 95%
XYZ	49.1990, 25.9184, 60.1561
YIQ	126.5510, 64.7230, 88.0750

Conversions

Conversions Part 2

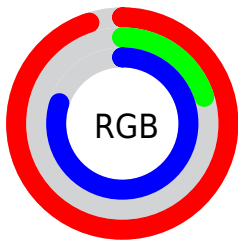
Format	Color
R_{YB}	243, 52, 205
Decimal	15938765
CIE _{Lab}	57.96, 82.67, -36.59
CIE _{LCh}	58, 90.406, 336.123
Yxy	25.9184, 0.3637, 0.1916
Android (android.graphics.Color)	4294128845 (0xFFFF334CD)
YUV	126.5510, 38.6754, 102.1258
Hunter-Lab	50.9101, 83.4077, -34.4208

Details

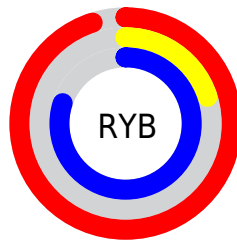
The Yxy color **25.9184, 0.3637, 0.1916** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **65.5528, 0.2910, 0.5402**, and the grayscale version is **20.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9129, 0.3187, 0.2023**, and **12.1471, 0.3710, 0.1817** is the 20% darker color. If you saturate the color by 10%, you get **24.0465, 0.3714, 0.1868**, and if you desaturate by 10%, it is **28.9152, 0.3558, 0.2010**.

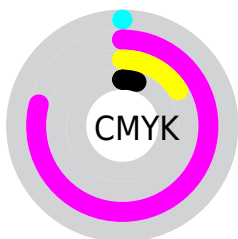
Distribution



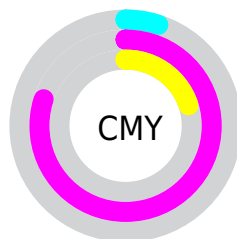
- Red (95%)
- Green (20%)
- Blue (80%)



- Red (95%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (79%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9184, 0.3637, 0.1916 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 25.9184, 0.3637, 0.1916 by changing the saturation by 10% instead.

 25.9184, 0.3637,
0.1916


 25.9184, 0.3637,
0.1916


282.3813, 0.3402,
0.2568


 16.7626, 0.3688,
0.1767


 53.1433, 0.3557,
0.2143


 10.0654, 0.3750,
0.1584


 71.9811, 0.3525,
0.2232


 5.4423, 0.3823,
0.1358


 94.8152, 0.3498,
0.2308

 2.5091, 0.3910,
0.1074

 122.0297, 0.3474,
0.2374

 0.8812, 0.4005,
0.0722

 154.0092, 0.3453,
0.2432

 0.0000, 0.4218,
0.0000

191.1381, 0.3434,


 0.0000, 0.4027,


0.2483


0.0000


233.8006, 0.3417,
0.2528


 0.0000, 0.0000,
0.0000


 25.9184, 0.3637,
0.1916


 25.9184, 0.3637,
0.1916


 24.0465, 0.3714,
0.1868


 28.9152, 0.3558,
0.2010

 23.0789, 0.3788,
0.1865


 33.1832, 0.3480,
0.2146

 22.9715, 0.3798,
0.1866

 38.8512, 0.3404,
0.2315


 46.0307, 0.3334,
0.2506

 54.8223, 0.3270,
0.2710

 65.3177, 0.3214,
0.2917

 77.6018, 0.3164,
0.3121

 91.7538, 0.3121,
0.3318

 97.3769, 0.3090,
0.3353

Harmonies

Analogous

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



25.9184, 0.2240, 0.1482



25.9184, 0.3637, 0.1916



25.9184, 0.5184, 0.2589

Triad

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



25.9184, 0.3637, 0.1916



25.9184, 0.4577, 0.5280



25.9184, 0.0959, 0.2203

Complementary

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



25.9184, 0.3637, 0.1916



65.5528, 0.2910, 0.5402

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.



25.9184, 0.1300, 0.3694



25.9184, 0.3637, 0.1916



25.9184, 0.3360, 0.6120

Square

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



25.9184, 0.3637, 0.1916



25.9184, 0.5570, 0.4230



25.9184, 0.2169, 0.5615



25.9184, 0.1009, 0.1530

Rectangle

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



25.9184, 0.3637, 0.1916



25.9184, 0.5809, 0.3095



25.9184, 0.2169, 0.5615



25.9184, 0.1021, 0.2595

Sweetspot

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



25.9197, 0.3637, 0.1916



66.2149, 0.3244, 0.2803



10.9634, 0.1808, 0.0929



13.3112, 0.3265, 0.2729



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.



25.9197, 0.3637, 0.1916



26.1299, 0.3756, 0.1862



22.6946, 0.5046, 0.2784



16.7085, 0.3168, 0.3102



12.6312, 0.3787, 0.1860



1.1242, 0.3701, 0.1812

Inverse Universe

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



25.9197, 0.3637, 0.1916



26.1299, 0.3756, 0.1862



68.2124, 0.2533, 0.4117



16.7085, 0.3168, 0.3102



12.6312, 0.3787, 0.1860



1.1242, 0.3701, 0.1812

Previews

White Background



This preview shows how the Yxy color 25.9184, 0.3637, 0.1916 looks on a white background.

Color Contrast Check

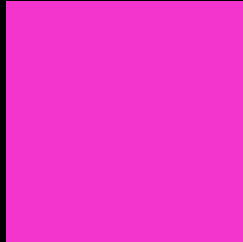
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9184, 0.3637, 0.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

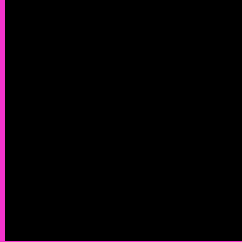
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9184, 0.3637, 0.1916

Background



This preview shows how black text looks on a background with the Yxy color 25.9184, 0.3637, 0.1916.



This preview shows how white text looks on a background with the Yxy color 25.9184, 0.3637, 0.1916.

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

25.9184, 0.3637, 0.1916

Protanopia

26.4906, 0.1944, 0.1712

Deuteranopia

26.2096, 0.2492, 0.2433



Tritanopia

25.8410, 0.4971, 0.3245

Trichromacy



Original Color

25.9184, 0.3637, 0.1916



Protanomaly

21.7065, 0.2289, 0.1604



Deuteranomaly

22.6996, 0.2833, 0.2063



Tritanomaly

25.0899, 0.4517, 0.2697

Monochromacy



Original Color

25.9184, 0.3637, 0.1916



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.9159, 0.3346, 0.2484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9184, 0.3637, 0.1916 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(243, 52, 205)` looks like.

```
.text, #text, p{  
    color:rgb(243, 52, 205)  
}
```

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(243, 52, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 52, 205) }
```

Border

The CSS property to change the border of an element to Yxy 25.9184, 0.3637, 0.1916 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(243, 52, 205) }
```

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

```
.border{ border-color:rgb(243, 52, 205) }
```

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

Here you see how a box with a 4 pixel rgb(243, 52, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 52, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 52, 205);  
box-shadow:4px 4px 4px 4px rgb(243, 52,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9184, 0.3637, 0.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 52, 205) }
```

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

```
.background{ background-color: rgb(243, 52,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor