

Converting Colors

$Y_{xy}(25.9610, 0.3677, 0.1932)$

Have a look what the booklet for
Yxy(25.9610, 0.3677, 0.1932)
contains.

Yxy(25.9125, 0.3675, 0.1932)	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(25.9125, 0.3675, 0.1932)

Conversions

Conversions Part 1

Format	Color
Hex	F433CB
RGB	244, 51, 203
RGB Percent	96%, 20%, 80%
CMY	0.0429, 0.8005, 0.2038
CMYK	0.00, 0.79, 0.17, 0.04
HSL	313°, 90%, 58%
HSV	313°, 79%, 96%
XYZ	49.2901, 25.9125, 58.9201
YIQ	126.0350, 66.2360, 88.1880

Conversions

Conversions Part 2

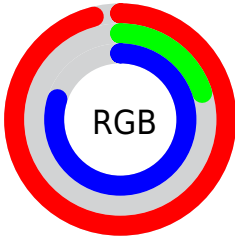
Format	Color
R _Y B	244, 51, 203
Decimal	16004043
CIE Lab	57.95, 82.94, -35.47
CIE LCh	58, 90.208, 336.845
Yxy	25.9125, 0.3675, 0.1932
Android (android.graphics.Color)	4294194123 (0xFFFF433CB)
YUV	126.0350, 37.9437, 103.4553
Hunter-Lab	50.9043, 83.7570, -32.9932

Details

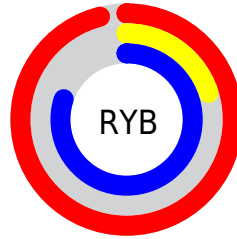
The Yxy color **25.9125, 0.3675, 0.1932** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **66.2109, 0.2902, 0.5389**, and the grayscale version is **20.7087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6737, 0.3187, 0.2016**, and **12.2054, 0.3761, 0.1845** is the 20% darker color. If you saturate the color by 10%, you get **24.0739, 0.3758, 0.1889**, and if you desaturate by 10%, it is **28.8786, 0.3590, 0.2022**.

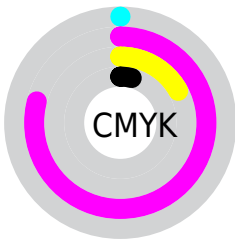
Distribution



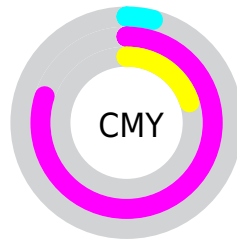
- Red (96%)
- Green (20%)
- Blue (80%)



- Red (96%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (79%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9125, 0.3675, 0.1932 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 25.9125, 0.3675, 0.1932 by changing the saturation by 10% instead.

 25.9125, 0.3675,
0.1932


 25.9125, 0.3675,
0.1932


282.3523, 0.3419,
0.2578


 16.7582, 0.3732,
0.1784


 53.1338, 0.3587,
0.2158


 10.0622, 0.3801,
0.1602


 71.9695, 0.3552,
0.2245


 5.4402, 0.3886,
0.1375


 94.8012, 0.3522,
0.2321

 2.5078, 0.3988,
0.1091

 122.0132, 0.3496,
0.2386

 0.8805, 0.4108,
0.0737

 153.9899, 0.3473,
0.2443

 0.0000, 0.4369,
0.0000

191.1157, 0.3453,


 0.0000, 0.4238,


0.2494


0.0000


233.7750, 0.3435,
0.2538


 0.0000, 0.0000,
0.0000


 25.9125, 0.3675,
0.1932


 25.9125, 0.3675,
0.1932

 24.0739, 0.3758,
0.1889


 28.8786, 0.3590,
0.2022

 23.1241, 0.3838,
0.1891

 33.1223, 0.3506,
0.2154

 23.0600, 0.3845,
0.1892

 38.7745, 0.3425,
0.2318

 45.9491, 0.3350,
0.2506

 54.7482, 0.3282,
0.2706

 65.2652, 0.3221,
0.2911

 77.5862, 0.3169,
0.3112

 91.7917, 0.3124,
0.3306

 97.6467, 0.3090,
0.3342

Harmonies

Analogous

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



25.9125, 0.2269, 0.1492



25.9125, 0.3675, 0.1932



25.9125, 0.5211, 0.2608

Triad

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



25.9125, 0.3675, 0.1932



25.9125, 0.4548, 0.5304



25.9125, 0.0959, 0.2181

Complementary

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



25.9125, 0.3675, 0.1932



66.2109, 0.2902, 0.5389

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.



25.9125, 0.1289, 0.3648



25.9125, 0.3675, 0.1932



25.9125, 0.3332, 0.6124

Square

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



25.9125, 0.3675, 0.1932



25.9125, 0.5549, 0.4254



25.9125, 0.2145, 0.5573



25.9125, 0.1017, 0.1524

Rectangle

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



25.9125, 0.3675, 0.1932



25.9125, 0.5817, 0.3115



25.9125, 0.2145, 0.5573



25.9125, 0.1018, 0.2565

Sweetspot

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



25.9138, 0.3675, 0.1932



66.1654, 0.3250, 0.2810



11.0410, 0.1817, 0.0925



13.2992, 0.3272, 0.2737



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.



25.9138, 0.3675, 0.1932



25.8792, 0.3807, 0.1886



22.7012, 0.5120, 0.2817



16.7045, 0.3171, 0.3106



12.5522, 0.3832, 0.1885



1.1179, 0.3739, 0.1833

Inverse Universe

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



25.9138, 0.3675, 0.1932



25.8792, 0.3807, 0.1886



68.9894, 0.2518, 0.4078



16.7045, 0.3171, 0.3106



12.5522, 0.3832, 0.1885



1.1179, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 25.9125, 0.3675, 0.1932 looks on a white background.

Color Contrast Check

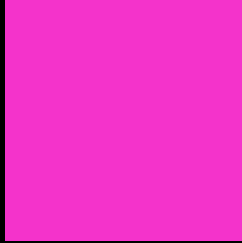
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9125, 0.3675, 0.1932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

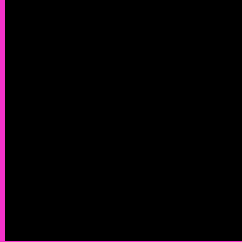
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9125, 0.3675, 0.1932

Background



This preview shows how black text looks on a background with the Yxy color 25.9125, 0.3675, 0.1932.



This preview shows how white text looks on a background with the Yxy color 25.9125, 0.3675, 0.1932.

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

25.9125, 0.3675, 0.1932

Protanopia

26.4906, 0.1944, 0.1712

Deuteranopia

26.1937, 0.2514, 0.2460



Tritanopia

25.6493, 0.5008, 0.3236

Trichromacy



Original Color

25.9125, 0.3675, 0.1932



Protanomaly

21.6482, 0.2295, 0.1611



Deuteranomaly

22.5091, 0.2862, 0.2075



Tritanomaly

25.0953, 0.4547, 0.2703

Monochromacy



Original Color

25.9125, 0.3675, 0.1932



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

19.6918, 0.3361, 0.2483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9125, 0.3675, 0.1932 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(244, 51, 203)` looks like.

```
.text, #text, p{  
    color:rgb(244, 51, 203)  
}
```

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(244, 51, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 51, 203) }
```

Border

The CSS property to change the border of an element to Yxy 25.9125, 0.3675, 0.1932 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(244, 51, 203) }
```

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

```
.border{ border-color:rgb(244, 51, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 51, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 51, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 51, 203);  
box-shadow:4px 4px 4px 4px rgb(244, 51,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9125, 0.3675, 0.1932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 51, 203) }
```

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

```
.background{ background-color: rgb(244, 51,  
203) }
```

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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