

Converting Colors

$Y_{xy}(25.1015, 0.3482, 0.1804)$

Have a look what the booklet for
Yxy(25.1015, 0.3482, 0.1804)
contains.

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Color

Yxy(25.0652, 0.3473, 0.1798)

Conversions

Conversions Part 1

Format	Color
Hex	EE2FD6
RGB	238, 47, 214
RGB Percent	93%, 18%, 84%
CMY	0.0667, 0.8157, 0.1607
CMYK	0.00, 0.80, 0.10, 0.07
HSL	308°, 85%, 56%
HSV	308°, 80%, 93%
XYZ	48.4157, 25.0652, 65.9251
YIQ	123.1470, 60.2290, 92.4290

Conversions

Conversions Part 2

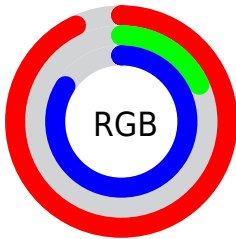
Format	Color
R _Y B	238, 47, 214
Decimal	15609814
CIE Lab	57.14, 84.06, -43.10
CIE LCh	57, 94.467, 332.858
Yxy	25.0652, 0.3473, 0.1798
Android (android.graphics.Color)	4293799894 (0xFFEE2FD6)
YUV	123.1470, 44.7905, 100.7261
Hunter-Lab	50.0652, 85.0051, -43.0266

Details

The Yxy color **25.0652, 0.3473, 0.1798** 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 **62.2054, 0.2954, 0.5588**, and the grayscale version is **19.6945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9708, 0.3188, 0.1993**, and **11.9682, 0.3497, 0.1700** is the 20% darker color. If you saturate the color by 10%, you get **23.5027, 0.3518, 0.1747**, and if you desaturate by 10%, it is **27.6687, 0.3425, 0.1894**.

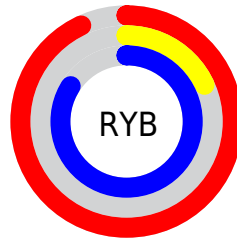
Distribution



Red (93%)

Green (18%)

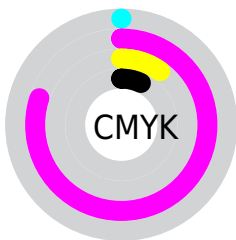
Blue (84%)



Red (93%)

Yellow (18%)

Blue (84%)

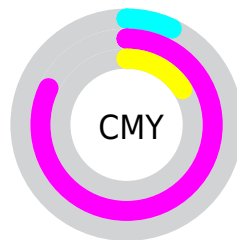


Cyan (0%)

Magenta (80%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (82%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0652, 0.3473, 0.1798 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 25.0652, 0.3473, 0.1798 by changing the saturation by 10% instead.


 25.0652, 0.3473,
0.1798

 25.0652, 0.3473,
0.1798


278.1625, 0.3331,
0.2498


 16.1256, 0.3498,
0.1641


 51.7630, 0.3429,
0.2040

 9.6131, 0.3524,
0.1451


 70.2900, 0.3410,
0.2134


 5.1432, 0.3549,
0.1219


 92.7816, 0.3394,
0.2216

 2.3315, 0.3565,
0.0936

 119.6222, 0.3378,
0.2287

 0.7903, 0.3552,
0.0595

 151.1962, 0.3365,
0.2349

 0.0000, 0.3538,
0.0000

187.8880, 0.3353,

 0.0000, 0.3103,

0.2404

0.0000

230.0819, 0.3341,
0.2454

■ 0.0000, 0.0000,
0.0000

■ 25.0652, 0.3473,
0.1798

■ 25.0652, 0.3473,
0.1798

■ 23.5027, 0.3518,
0.1747

■ 27.6687, 0.3425,
0.1894


■ 22.7370, 0.3559,
0.1734

■ 31.4572, 0.3376,
0.2033


■ 36.5557, 0.3327,
0.2207


■ 43.0726, 0.3280,
0.2407

■ 51.1049, 0.3236,
0.2624

 60.7411, 0.3196,
0.2847

 72.0627, 0.3160,
0.3069

 85.1460, 0.3128,
0.3285

 96.0417, 0.3103,
0.3430

Harmonies

Analogous

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



25.0652, 0.2074, 0.1388



25.0652, 0.3473, 0.1798



25.0652, 0.5140, 0.2465

Triad

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



25.0652, 0.3473, 0.1798



25.0652, 0.4731, 0.5208



25.0652, 0.0899, 0.2259

Complementary

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



25.0652, 0.3473, 0.1798



62.2054, 0.2954, 0.5588

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.



25.0652, 0.1286, 0.3933



25.0652, 0.3473, 0.1798



25.0652, 0.3459, 0.6197

Square

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



25.0652, 0.3473, 0.1798



25.0652, 0.5730, 0.4105



25.0652, 0.2224, 0.5933



25.0652, 0.0919, 0.1503

Rectangle

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



25.0652, 0.3473, 0.1798



25.0652, 0.5873, 0.2973



25.0652, 0.2224, 0.5933



25.0652, 0.0974, 0.2700

Sweetspot

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



25.0664, 0.3473, 0.1798



66.4898, 0.3211, 0.2761



9.4820, 0.1718, 0.0861



13.3783, 0.3225, 0.2681



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.



25.0664, 0.3473, 0.1798



26.8787, 0.3544, 0.1737



21.5712, 0.4889, 0.2658



15.9953, 0.3157, 0.3086



12.6988, 0.3553, 0.1731



1.0659, 0.3501, 0.1703

Inverse Universe

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



25.0664, 0.3473, 0.1798



26.8787, 0.3544, 0.1737



64.4595, 0.2587, 0.4330



15.9953, 0.3157, 0.3086



12.6988, 0.3553, 0.1731



1.0659, 0.3501, 0.1703

Previews

White Background



This preview shows how the Yxy color 25.0652, 0.3473, 0.1798 looks on a white background.

Color Contrast Check

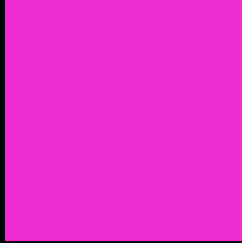
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0652, 0.3473, 0.1798 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 25.0652, 0.3473, 0.1798

Background



This preview shows how black text looks on a background with the Yxy color 25.0652, 0.3473, 0.1798.



This preview shows how white text looks on a background with the Yxy color 25.0652, 0.3473, 0.1798.

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

25.0652, 0.3473, 0.1798

Protanopia

25.6867, 0.1916, 0.1679

Deuteranopia

25.4706, 0.2347, 0.2296



Tritanopia

25.0604, 0.4880, 0.3231

Trichromacy



Original Color

25.0652, 0.3473, 0.1798



Protanomaly

20.7806, 0.2220, 0.1530



Deuteranomaly

21.5250, 0.2667, 0.1914



Tritanomaly

24.0809, 0.4378, 0.2613

Monochromacy



Original Color

25.0652, 0.3473, 0.1798



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.5841, 0.3288, 0.2386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0652, 0.3473, 0.1798 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(238, 47, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 47, 214)  
}
```

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(238, 47, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 47, 214) }
```

Border

The CSS property to change the border of an element to Yxy 25.0652, 0.3473, 0.1798 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(238, 47, 214) }
```

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

```
.border{ border-color:rgb(238, 47, 214) }
```

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

Here you see how a box with a 4 pixel rgb(238, 47, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 47, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 47, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 47,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0652, 0.3473, 0.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 47, 214) }
```

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

```
.background{ background-color: rgb(238, 47,  
214) }
```

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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