

Converting Colors

$Y_{xy}(25.1233, 0.3900, 0.1953)$

Have a look what the booklet for
Yxy(25.1233, 0.3900, 0.1953)
contains.

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Color

Yxy(25.1268, 0.3902, 0.1955)

Conversions

Conversions Part 1

Format	Color
Hex	FC15C2
RGB	252, 21, 194
RGB Percent	99%, 8%, 76%
CMY	0.0118, 0.9175, 0.2392
CMYK	0.00, 0.92, 0.23, 0.01
HSL	315°, 97%, 54%
HSV	315°, 92%, 99%
XYZ	50.1508, 25.1268, 53.2483
YIQ	109.7910, 82.1430, 102.7750

Conversions

Conversions Part 2

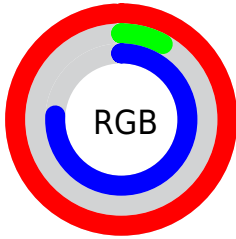
Format	Color
R _Y B	252, 21, 194
Decimal	16520642
CIE Lab	57.20, 88.52, -31.37
CIE LCh	57, 93.914, 340.488
Yxy	25.1268, 0.3902, 0.1955
Android (android.graphics.Color)	4294710722 (0xFFFC15C2)
YUV	109.7910, 41.5150, 124.7173
Hunter-Lab	50.1266, 90.8643, -27.8936

Details

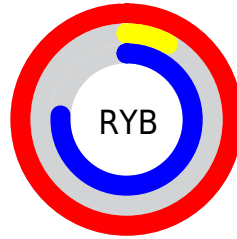
The Yxy color **25.1268, 0.3902, 0.1955** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **70.3452, 0.2901, 0.5586**, and the grayscale version is **15.3971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5331, 0.3228, 0.1949**, and **12.8406, 0.4012, 0.1984** is the 20% darker color. If you saturate the color by 10%, you get **24.3575, 0.3984, 0.1968**, and if you desaturate by 10%, it is **26.8532, 0.3800, 0.1978**.

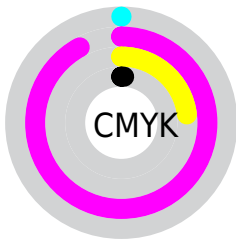
Distribution



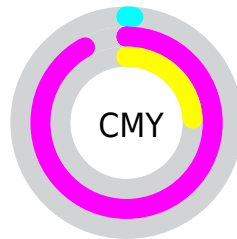
- Red (99%)
- Green (8%)
- Blue (76%)



- Red (99%)
- Yellow (8%)
- Blue (76%)



- Cyan (0%)
- Magenta (92%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (92%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1268, 0.3902, 0.1955 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 25.1268, 0.3902, 0.1955 by changing the saturation by 10% instead.


 25.1268, 0.3902,
0.1955

 25.1268, 0.3902,
0.1955


278.4688, 0.3522,
0.2596


 16.1716, 0.3993,
0.1806


 51.8629, 0.3766,
0.2180


 9.6456, 0.4107,
0.1623


 70.4124, 0.3715,
0.2267

 5.1646, 0.4253,
0.1393


 92.9289, 0.3671,
0.2342

 2.3442, 0.4444,
0.1103

 119.7967, 0.3632,
0.2407

 0.7969, 0.4700,
0.0735

 151.4002, 0.3599,
0.2463

 0.0000, 0.5200,
0.0000

188.1238, 0.3570,

 0.0000, 0.5560,

0.2513


0.0000


230.3519, 0.3545,
0.2557

 0.0000, 0.0000,
0.0000


 25.1268, 0.3902,
0.1955


 25.1268, 0.3902,
0.1955


 24.3575, 0.3984,
0.1968

 26.8532, 0.3800,
0.1978

 29.7454, 0.3697,
0.2050

 33.9804, 0.3594,
0.2166

 39.7043, 0.3496,
0.2317

 47.0442, 0.3406,
0.2493

■ 56.1133, 0.3324,
0.2683

■ 67.0149, 0.3252,
0.2879

■ 79.8440, 0.3189,
0.3073

■ 94.6889, 0.3135,
0.3260

Harmonies

Analogous

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



25.1268, 0.2376, 0.1471



25.1268, 0.3902, 0.1955



25.1268, 0.5465, 0.2662

Triad

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



25.1268, 0.3902, 0.1955



25.1268, 0.4415, 0.5490



25.1268, 0.0881, 0.2003

Complementary

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



25.1268, 0.3902, 0.1955



70.3452, 0.2901, 0.5586

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.



25.1268, 0.1148, 0.3413



25.1268, 0.3902, 0.1955



25.1268, 0.3142, 0.6297

Square

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



25.1268, 0.3902, 0.1955



25.1268, 0.5513, 0.4365



25.1268, 0.1949, 0.5507



25.1268, 0.0984, 0.1417

Rectangle

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



25.1268, 0.3902, 0.1955



25.1268, 0.5989, 0.3177



25.1268, 0.1949, 0.5507



25.1268, 0.0922, 0.2360

Sweetspot

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



25.1281, 0.3902, 0.1955



62.5972, 0.3289, 0.2774



9.2184, 0.1711, 0.0749



12.6088, 0.3314, 0.2707



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.



25.1281, 0.3902, 0.1955



25.0203, 0.3984, 0.1969



21.7941, 0.5731, 0.2987



17.4457, 0.3177, 0.3114



12.7131, 0.3968, 0.1960



1.1944, 0.3857, 0.1899

Inverse Universe

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



25.1281, 0.3902, 0.1955



25.0203, 0.3984, 0.1969



73.6869, 0.2471, 0.4057



17.4457, 0.3177, 0.3114



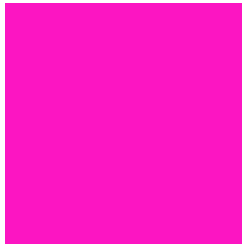
12.7131, 0.3968, 0.1960



1.1944, 0.3857, 0.1899

Previews

White Background



This preview shows how the Yxy color 25.1268, 0.3902, 0.1955 looks on a white background.

Color Contrast Check

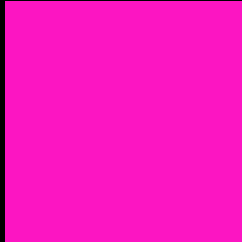
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1268, 0.3902, 0.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

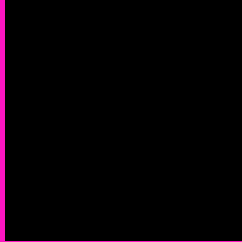
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1268, 0.3902, 0.1955

Background



This preview shows how black text looks on a background with the Yxy color 25.1268, 0.3902, 0.1955.



This preview shows how white text looks on a background with the Yxy color 25.1268, 0.3902, 0.1955.

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

25.1268, 0.3902, 0.1955

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.4977, 0.2618, 0.2568



Tritanopia

25.1127, 0.5353, 0.3262

Trichromacy



Original Color

25.1268, 0.3902, 0.1955



Protanomaly

19.2009, 0.2292, 0.1503



Deuteranomaly

20.3212, 0.3018, 0.2053



Tritanomaly

23.9491, 0.4887, 0.2719

Monochromacy



Original Color

25.1268, 0.3902, 0.1955



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

15.0532, 0.3483, 0.2337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1268, 0.3902, 0.1955 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(252, 21, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 21, 194)  
}
```

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(252, 21, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 21, 194) }
```

Border

The CSS property to change the border of an element to Yxy 25.1268, 0.3902, 0.1955 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(252, 21, 194) }
```

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

```
.border{ border-color:rgb(252, 21, 194) }
```

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

Here you see how a box with a 4 pixel rgb(252, 21, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 21, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 21, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 21,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1268, 0.3902, 0.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 21, 194) }
```

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

```
.background{ background-color: rgb(252, 21,  
194) }
```

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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