

Converting Colors

$Y_{xy}(25.6133, 0.3908, 0.1948)$

Have a look what the booklet for
Yxy(25.6133, 0.3908, 0.1948)
contains.

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Color

Yxy(25.6161, 0.3909, 0.1949)

Conversions

Conversions Part 1

Format	Color
Hex	FF10C4
RGB	255, 16, 196
RGB Percent	100%, 6%, 77%
CMY	0.0001, 0.9361, 0.2315
CMYK	0.00, 0.94, 0.23, 0.00
HSL	315°, 100%, 53%
HSV	315°, 94%, 100%
XYZ	51.3768, 25.6161, 54.4391
YIQ	107.9810, 84.6640, 106.6480

Conversions

Conversions Part 2

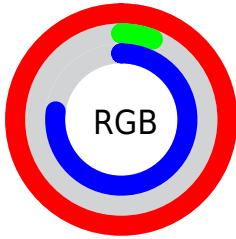
Format	Color
R _Y B	255, 16, 196
Decimal	16715972
CIE Lab	57.67, 89.75, -31.72
CIE LCh	58, 95.192, 340.536
Yxy	25.6161, 0.3909, 0.1949
Android (android.graphics.Color)	4294906052 (0xFFFF10C4)
YUV	107.9810, 43.3934, 128.9357
Hunter-Lab	50.6124, 92.6244, -28.3443

Details

The Yxy color **25.6161, 0.3909, 0.1949** 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 **72.1245, 0.2909, 0.5633**, and the grayscale version is **14.8980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6599, 0.3209, 0.1935**, and **13.2905, 0.4017, 0.1986** is the 20% darker color. If you saturate the color by 10%, you get **25.0566, 0.3970, 0.1961**, and if you desaturate by 10%, it is **27.1728, 0.3810, 0.1963**.

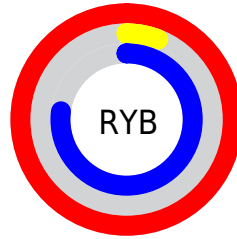
Distribution



Red (100%)

Green (6%)

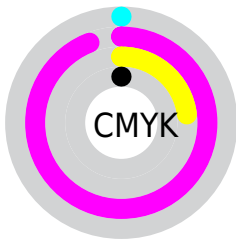
Blue (77%)



Red (100%)

Yellow (6%)

Blue (77%)

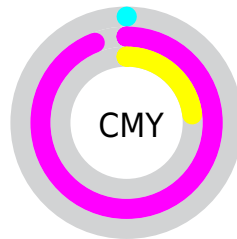


Cyan (0%)

Magenta (94%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (94%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6161, 0.3909, 0.1949 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 25.6161, 0.3909, 0.1949 by changing the saturation by 10% instead.


 25.6161, 0.3909,
0.1949


 25.6161, 0.3909,
0.1949


280.8924, 0.3527,
0.2591


 16.5367, 0.4000,
0.1801


 52.6550, 0.3773,
0.2174

 9.9047, 0.4114,
0.1619


 71.3832, 0.3721,
0.2261


 5.3358, 0.4259,
0.1391


 94.0965, 0.3677,
0.2335

 2.4456, 0.4449,
0.1104

 121.1792, 0.3638,
0.2400

 0.8492, 0.4702,
0.0745

 153.0157, 0.3605,
0.2457

 0.0000, 0.5207,
0.0000

189.9905, 0.3576,


 0.0000, 0.5502,


0.2507

0.0000


232.4880, 0.3550,
0.2551

 0.0000, 0.0000,
0.0000


 25.6161, 0.3909,
0.1949


 25.6161, 0.3909,
0.1949

 25.0566, 0.3970,
0.1961

 27.1728, 0.3810,
0.1963

 29.8862, 0.3708,
0.2026

 33.9468, 0.3607,
0.2134

 39.5100, 0.3510,
0.2280

 46.7097, 0.3419,
0.2453

■ 55.6650, 0.3336,
0.2642

■ 66.4839, 0.3263,
0.2838

■ 79.2658, 0.3200,
0.3034

■ 94.1027, 0.3145,
0.3224

Harmonies

Analogous

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



25.6161, 0.2373, 0.1464



25.6161, 0.3909, 0.1949



25.6161, 0.5483, 0.2658

Triad

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



25.6161, 0.3909, 0.1949



25.6161, 0.4413, 0.5499



25.6161, 0.0872, 0.1993

Complementary

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



25.6161, 0.3909, 0.1949



72.1245, 0.2909, 0.5633

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.



25.6161, 0.1136, 0.3408



25.6161, 0.3909, 0.1949



25.6161, 0.3134, 0.6317

Square

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



25.6161, 0.3909, 0.1949



25.6161, 0.5520, 0.4365



25.6161, 0.1938, 0.5523



25.6161, 0.0976, 0.1407

Rectangle

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



25.6161, 0.3909, 0.1949



25.6161, 0.6007, 0.3173



25.6161, 0.1938, 0.5523



25.6161, 0.0912, 0.2351

Sweetspot

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



25.6175, 0.3909, 0.1949



61.5098, 0.3294, 0.2752



8.9751, 0.1671, 0.0717



12.1937, 0.3326, 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.



25.6175, 0.3909, 0.1949



25.0638, 0.3970, 0.1961



22.2120, 0.5739, 0.2974



18.2191, 0.3176, 0.3113



13.1214, 0.3955, 0.1952



1.2949, 0.3851, 0.1895

Inverse Universe

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



25.6175, 0.3909, 0.1949



25.0638, 0.3970, 0.1961



75.3882, 0.2489, 0.4132



18.2191, 0.3176, 0.3113



13.1214, 0.3955, 0.1952



1.2949, 0.3851, 0.1895

Previews

White Background



This preview shows how the Yxy color 25.6161, 0.3909, 0.1949 looks on a white background.

Color Contrast Check

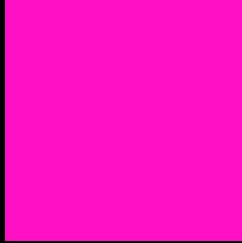
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6161, 0.3909, 0.1949 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 25.6161, 0.3909, 0.1949

Background



This preview shows how black text looks on a background with the Yxy color 25.6161, 0.3909, 0.1949.



This preview shows how white text looks on a background with the Yxy color 25.6161, 0.3909, 0.1949.

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

25.6161, 0.3909, 0.1949

Protanopia

26.1676, 0.1937, 0.1698

Deuteranopia

25.9412, 0.2613, 0.2558



Tritanopia

25.6508, 0.5375, 0.3263

Trichromacy



Original Color

25.6161, 0.3909, 0.1949



Protanomaly

19.3456, 0.2309, 0.1498



Deuteranomaly

20.4582, 0.3020, 0.2029



Tritanomaly

24.3981, 0.4918, 0.2724

Monochromacy



Original Color

25.6161, 0.3909, 0.1949



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.5027, 0.3489, 0.2306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6161, 0.3909, 0.1949 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(255, 16, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 16, 196)  
}
```

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(255, 16, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 16, 196) }
```

Border

The CSS property to change the border of an element to Yxy 25.6161, 0.3909, 0.1949 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(255, 16, 196) }
```

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

```
.border{ border-color:rgb(255, 16, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 16, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 16, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 16, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 16,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6161, 0.3909, 0.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 16, 196) }
```

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

```
.background{ background-color: rgb(255, 16,  
196) }
```

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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