

Converting Colors

$Y_{xy}(49.1951, 0.3270, 0.2414)$

Have a look what the booklet for
Yxy(49.1951, 0.3270, 0.2414)
contains.

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Color

Yxy(49.1977, 0.3273, 0.2418)

Conversions

Conversions Part 1

Format	Color
Hex	FB98EF
RGB	251, 152, 239
RGB Percent	98%, 60%, 94%
CMY	0.0157, 0.4039, 0.0626
CMYK	0.00, 0.39, 0.05, 0.02
HSL	307°, 93%, 79%
HSV	307°, 39%, 98%
XYZ	66.5939, 49.1977, 87.6728
YIQ	191.5190, 31.0770, 48.0450

Conversions

Conversions Part 2

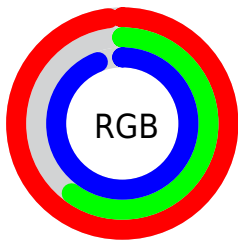
Format	Color
R _Y B	251, 152, 239
Decimal	16488687
CIE Lab	75.57, 49.37, -28.18
CIE LCh	76, 56.847, 330.285
Yxy	49.1977, 0.3273, 0.2418
Android (android.graphics.Color)	4294678767 (0xFFFB98EF)
YUV	191.5190, 23.4081, 52.1648
Hunter-Lab	70.1411, 46.7261, -25.0108

Details

The Yxy color **49.1977, 0.3273, 0.2418** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.3458, 0.3010, 0.4356**, and the grayscale version is **52.2670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **23.4917, 0.3296, 0.2218** is the 20% darker color. If you saturate the color by 10%, you get **41.7184, 0.3319, 0.2215**, and if you desaturate by 10%, it is **58.4081, 0.3230, 0.2637**.

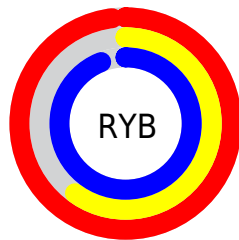
Distribution



Red (98%)

Green (60%)

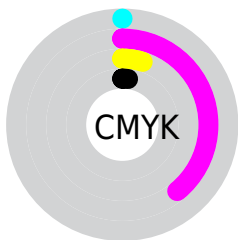
Blue (94%)



Red (98%)

Yellow (60%)

Blue (94%)

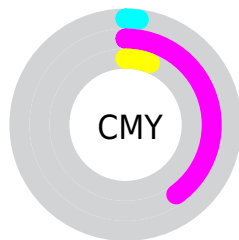


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1977, 0.3273, 0.2418 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 49.1977, 0.3273, 0.2418 by changing the saturation by 10% instead.


 49.1977, 0.3273,
0.2418


 49.1977, 0.3273,
0.2418


383.5201, 0.3215,
0.2815

 34.7763, 0.3284,
0.2329


 88.9850, 0.3255,
0.2554

 23.4906, 0.3296,
0.2221


 115.1197, 0.3247,
0.2608

 14.9562, 0.3309,
0.2087


145.9277, 0.3240,
0.2654

 8.7887, 0.3322,
0.1915

181.7933, 0.3234,
0.2694

 4.6036, 0.3334,
0.1690

223.1010, 0.3229,
0.2730

 2.0166, 0.3336,
0.1387

270.2351, 0.3224,

 0.6171, 0.3317,

0.2762

0.0933

323.5800, 0.3219,
0.2790

0.0000, 0.3276,
0.0000

0.0000, 0.0000,
0.0000

49.1977, 0.3273,
0.2418

49.1977, 0.3273,
0.2418

41.7184, 0.3319,
0.2215

58.4081, 0.3230,
0.2637

35.8540, 0.3366,
0.2038

69.4431, 0.3191,
0.2862

31.4844, 0.3413,
0.1896

82.3974, 0.3156,
0.3085

28.4698, 0.3460,
0.1796

97.3570, 0.3126,
0.3302

■ 26.6444, 0.3503,
0.1742

■ 99.1966, 0.3107,
0.3298

■ 25.7505, 0.3544,
0.1728

■ 99.2482, 0.3102,
0.3290

■ 25.7109, 0.3546,
0.1727

Harmonies

Analogous

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



49.1977, 0.2536, 0.2162



49.1977, 0.3273, 0.2418



49.1977, 0.4059, 0.2852

Triad

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



49.1977, 0.3273, 0.2418



49.1977, 0.4246, 0.4477



49.1977, 0.1858, 0.2912

Complementary

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



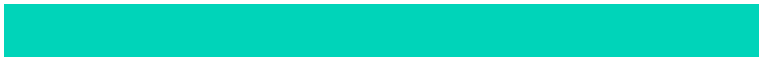
49.1977, 0.3273, 0.2418



78.3458, 0.3010, 0.4356

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.



49.1977, 0.2215, 0.3716



49.1977, 0.3273, 0.2418



49.1977, 0.3585, 0.4730

Square

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



49.1977, 0.3273, 0.2418



49.1977, 0.4634, 0.3964



49.1977, 0.2841, 0.4464



49.1977, 0.1802, 0.2367

Rectangle

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



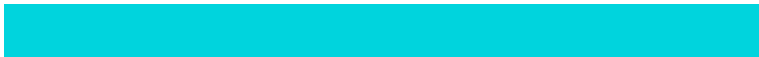
49.1977, 0.3273, 0.2418



49.1977, 0.4455, 0.3205



49.1977, 0.2841, 0.4464



49.1977, 0.1943, 0.3160

Sweetspot

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



49.1999, 0.3273, 0.2418



81.7707, 0.3165, 0.3028



37.2674, 0.2474, 0.2102



17.1165, 0.3169, 0.2999



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.



49.1999, 0.3273, 0.2418



44.9520, 0.3307, 0.2262



46.6815, 0.3734, 0.2890



17.4863, 0.3157, 0.3084



13.5300, 0.3540, 0.1724



1.2630, 0.3495, 0.1699

Inverse Universe

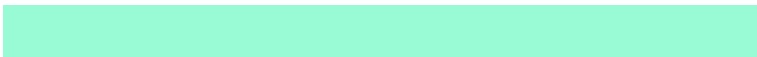
The Inverse Universe completely reimagines the original color for something new.



49.1999, 0.3273, 0.2418



44.9520, 0.3307, 0.2262



80.4733, 0.2762, 0.3737



17.4863, 0.3157, 0.3084



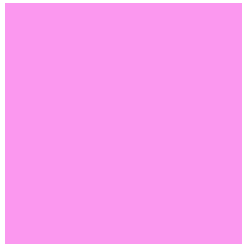
13.5300, 0.3540, 0.1724



1.2630, 0.3495, 0.1699

Previews

White Background



This preview shows how the Yxy color 49.1977, 0.3273, 0.2418 looks on a white background.

Color Contrast Check

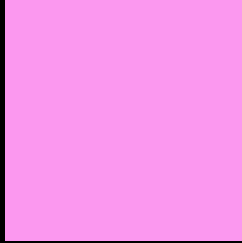
Large Text (above 18pt) WCAG AA × Fail

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 49.1977, 0.3273, 0.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

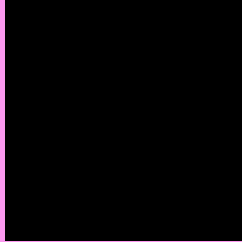
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1977, 0.3273, 0.2418

Background



This preview shows how black text looks on a background with the Yxy color 49.1977, 0.3273, 0.2418.

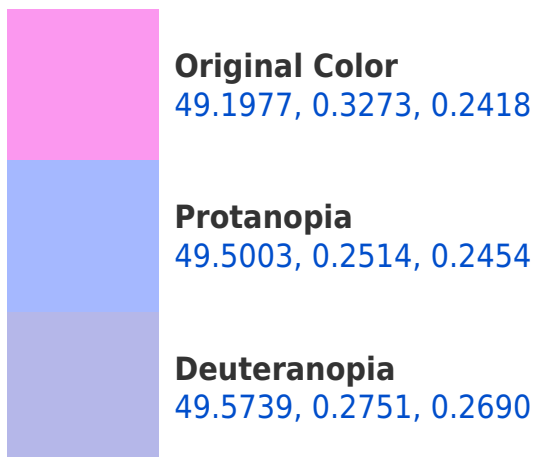


This preview shows how white text looks on a background with the Yxy color 49.1977, 0.3273, 0.2418.

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





Tritanopia

49.1393, 0.3753, 0.3160

Trichromacy



Original Color

49.1977, 0.3273, 0.2418



Protanomaly

48.0804, 0.2748, 0.2419



Deuteranomaly

48.6250, 0.2922, 0.2574



Tritanomaly

48.9046, 0.3572, 0.2864

Monochromacy



Original Color

49.1977, 0.3273, 0.2418



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

50.1939, 0.3179, 0.2918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1977, 0.3273, 0.2418 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(251, 152, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 152, 239)  
}
```

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(251, 152, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 152, 239) }
```

Border

The CSS property to change the border of an element to Yxy 49.1977, 0.3273, 0.2418 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(251, 152, 239) }
```

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

```
.border{ border-color:rgb(251, 152, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 152, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 152, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 152, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 152,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1977, 0.3273, 0.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 152, 239) }
```

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

```
.background{ background-color: rgb(251,  
152, 239) }
```

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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