

Converting Colors

Yxy(50.9610, 0.3294, 0.2443)

Have a look what the booklet for
Yxy(50.9610, 0.3294, 0.2443)
contains.

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Color

Yxy(50.9940, 0.3297, 0.2448)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BF0
RGB	255, 155, 240
RGB Percent	100%, 61%, 94%
CMY	0.0001, 0.3921, 0.0589
CMYK	0.00, 0.39, 0.06, 0.00
HSL	309°, 100%, 80%
HSV	309°, 39%, 100%
XYZ	68.6794, 50.9940, 88.6354
YIQ	194.5900, 32.3150, 47.6350

Conversions

Conversions Part 2

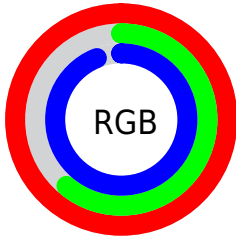
Format	Color
R _Y B	255, 155, 240
Decimal	16751600
CIE _{Lab}	76.68, 49.21, -26.96
CIE _{LCh}	77, 56.113, 331.286
Y _{xy}	50.9940, 0.3297, 0.2448
Android (android.graphics.Color)	4294941680 (0xFFFF9BF0)
YUV	194.5900, 22.3871, 52.9796
Hunter-Lab	71.4101, 46.7067, -23.6047

Details

The Yxy color **50.9940, 0.3297, 0.2448** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.3810, 0.2996, 0.4313**, and the grayscale version is **54.1690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **24.6384, 0.3328, 0.2257** is the 20% darker color. If you saturate the color by 10%, you get **43.1599, 0.3352, 0.2249**, and if you desaturate by 10%, it is **60.6293, 0.3246, 0.2661**.

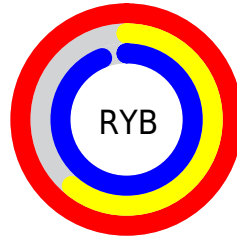
Distribution



Red (100%)

Green (61%)

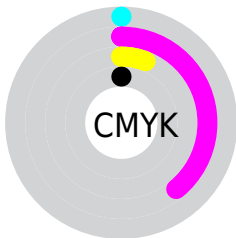
Blue (94%)



Red (100%)

Yellow (61%)

Blue (94%)

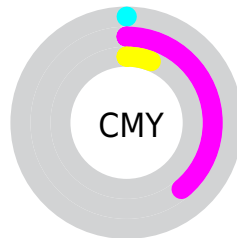


Cyan (0%)

Magenta (39%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9940, 0.3297, 0.2448 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 50.9940, 0.3297, 0.2448 by changing the saturation by 10% instead.


 50.9940, 0.3297,
0.2448


 50.9940, 0.3297,
0.2448


390.5405, 0.3227,
0.2830

 36.2038, 0.3311,
0.2363


 91.6459, 0.3274,
0.2579

 24.5917, 0.3327,
0.2259


 118.2764, 0.3265,
0.2630

 15.7731, 0.3345,
0.2130


149.6225, 0.3257,
0.2675

 9.3637, 0.3366,
0.1966

186.0686, 0.3249,
0.2714

 4.9792, 0.3388,
0.1750

227.9990, 0.3243,
0.2748

 2.2351, 0.3407,
0.1459

275.7982, 0.3237,

 0.7390, 0.3411,

0.2779

0.1045

329.8506, 0.3232,
0.2806

0.0000, 0.3498,
0.0000

0.0000, 0.0000,
0.0000

50.9940, 0.3297,
0.2448

50.9940, 0.3297,
0.2448

43.1599, 0.3352,
0.2249

60.6293, 0.3246,
0.2661

37.0063, 0.3409,
0.2075

72.1627, 0.3201,
0.2880

32.4087, 0.3468,
0.1936

85.6923, 0.3160,
0.3097

29.2224, 0.3526,
0.1839

99.9959, 0.3127,
0.3290

■ 27.2756, 0.3582,
0.1787

■ 26.3096, 0.3634,
0.1778

■ 26.2494, 0.3638,
0.1778

Harmonies

Analogous

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



50.9940, 0.2571, 0.2190



50.9940, 0.3297, 0.2448



50.9940, 0.4059, 0.2879

Triad

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



50.9940, 0.3297, 0.2448



50.9940, 0.4205, 0.4466



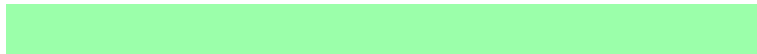
50.9940, 0.1879, 0.2901

Complementary

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



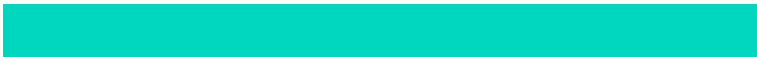
50.9940, 0.3297, 0.2448



81.3810, 0.2996, 0.4313

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.



50.9940, 0.2221, 0.3679



50.9940, 0.3297, 0.2448



50.9940, 0.3554, 0.4694

Square

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



50.9940, 0.3297, 0.2448



50.9940, 0.4593, 0.3973



50.9940, 0.2827, 0.4413



50.9940, 0.1832, 0.2377

Rectangle

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



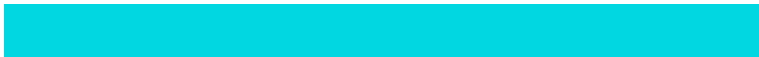
50.9940, 0.3297, 0.2448



50.9940, 0.4437, 0.3228



50.9940, 0.2827, 0.4413



50.9940, 0.1959, 0.3140

Sweetspot

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



50.9963, 0.3297, 0.2448



81.7141, 0.3171, 0.3037



39.2177, 0.2502, 0.2117



17.1030, 0.3176, 0.3008



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.



50.9963, 0.3297, 0.2448



44.7443, 0.3339, 0.2291



48.4250, 0.3762, 0.2927



18.2507, 0.3161, 0.3090



13.7363, 0.3630, 0.1774



1.3496, 0.3574, 0.1743

Inverse Universe

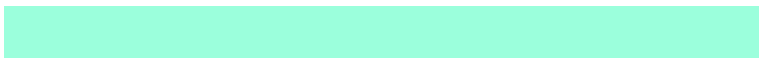
The Inverse Universe completely reimagines the original color for something new.



50.9963, 0.3297, 0.2448



44.7443, 0.3339, 0.2291



83.6444, 0.2747, 0.3694



18.2507, 0.3161, 0.3090



13.7363, 0.3630, 0.1774



1.3496, 0.3574, 0.1743

Previews

White Background



This preview shows how the Yxy color 50.9940, 0.3297, 0.2448 looks on a white background.

Color Contrast Check

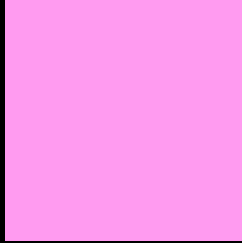
Large Text (above 18pt) WCAG AA × Fail

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 50.9940, 0.3297, 0.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

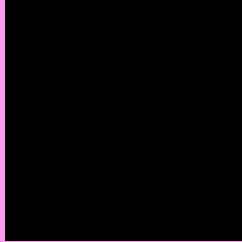
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9940, 0.3297, 0.2448

Background



This preview shows how black text looks on a background with the Yxy color 50.9940, 0.3297, 0.2448.

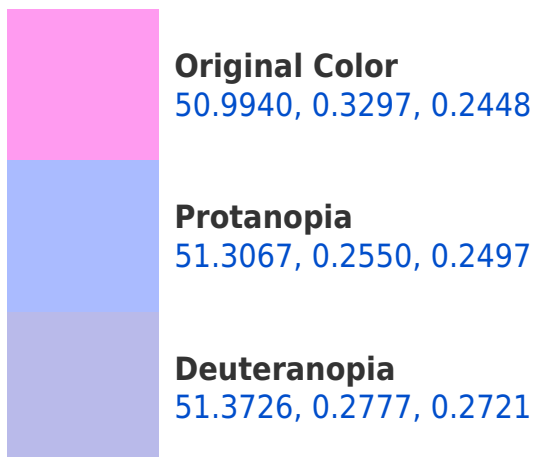


This preview shows how white text looks on a background with the Yxy color 50.9940, 0.3297, 0.2448.

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

50.8892, 0.3764, 0.3152

Trichromacy



Original Color

50.9940, 0.3297, 0.2448



Protanomaly

49.9796, 0.2781, 0.2453



Deuteranomaly

50.4177, 0.2948, 0.2605



Tritanomaly

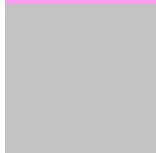
50.9679, 0.3592, 0.2882

Monochromacy



Original Color

50.9940, 0.3297, 0.2448



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.0974, 0.3194, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9940, 0.3297, 0.2448 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, 155, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 240)  
}
```

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, 155, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 240) }
```

Border

The CSS property to change the border of an element to Yxy 50.9940, 0.3297, 0.2448 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, 155, 240) }
```

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

```
.border{ border-color:rgb(255, 155, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9940, 0.3297, 0.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 240) }
```

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

```
.background{ background-color: rgb(255,  
155, 240) }
```

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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