

Converting Colors

Yxy(50.1319, 0.3328, 0.2459)

Have a look what the booklet for
Yxy(50.1319, 0.3328, 0.2459)
contains.

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Color

Yxy(50.1569, 0.3324, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	FF99ED
RGB	255, 153, 237
RGB Percent	100%, 60%, 93%
CMY	0.0001, 0.3999, 0.0705
CMYK	0.00, 0.40, 0.07, 0.00
HSL	311°, 100%, 80%
HSV	311°, 40%, 100%
XYZ	67.9110, 50.1569, 86.2372
YIQ	193.0740, 33.8280, 47.7480

Conversions

Conversions Part 2

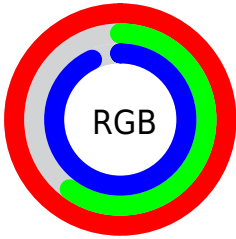
Format	Color
R _Y B	255, 153, 237
Decimal	16751085
CIE Lab	76.17, 49.73, -26.14
CIE LCh	76, 56.182, 332.274
Yxy	50.1569, 0.3324, 0.2455
Android (android.graphics.Color)	4294941165 (0xFFFF99ED)
YUV	193.0740, 21.6555, 54.3091
Hunter-Lab	70.8215, 47.2266, -22.6205

Details

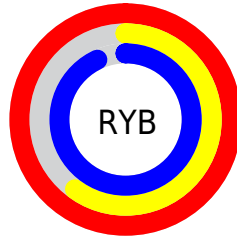
The Yxy color **50.1569, 0.3324, 0.2455** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.2145, 0.2981, 0.4304**, and the grayscale version is **53.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **24.1302, 0.3366, 0.2267** is the 20% darker color. If you saturate the color by 10%, you get **42.4251, 0.3388, 0.2262**, and if you desaturate by 10%, it is **59.6829, 0.3266, 0.2662**.

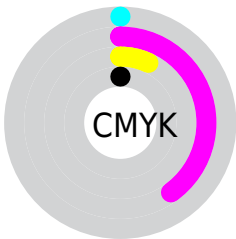
Distribution



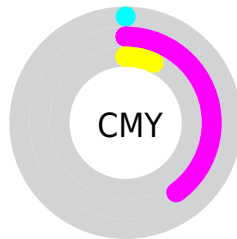
- Red (100%)
- Green (60%)
- Blue (93%)



- Red (100%)
- Yellow (60%)
- Blue (93%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1569, 0.3324, 0.2455 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 50.1569, 0.3324, 0.2455 by changing the saturation by 10% instead.

 50.1569, 0.3324,
0.2455

 50.1569, 0.3324,
0.2455


387.2792, 0.3240,
0.2836

 35.5381, 0.3341,
0.2370


 90.4073, 0.3297,
0.2586

 24.0777, 0.3361,
0.2266


 116.8077, 0.3285,
0.2637

 15.3912, 0.3385,
0.2137


147.9040, 0.3276,
0.2681

 9.0944, 0.3413,
0.1972

184.0807, 0.3267,
0.2720

 4.8028, 0.3445,
0.1754

225.7222, 0.3259,
0.2754

 2.1320, 0.3479,
0.1459

273.2129, 0.3252,

 0.6826, 0.3510,

0.2784

0.1028

326.9371, 0.3246,
0.2811

0.0000, 0.3629,
0.0000

0.0000, 0.0000,
0.0000

50.1569, 0.3324,
0.2455

50.1569, 0.3324,
0.2455

42.4251, 0.3388,
0.2262

59.6829, 0.3266,
0.2662

36.3661, 0.3455,
0.2094

71.1008, 0.3213,
0.2875

31.8541, 0.3524,
0.1961

84.5094, 0.3167,
0.3086

28.7426, 0.3593,
0.1871

99.9929, 0.3127,
0.3290

■ 26.8571, 0.3660,
0.1827

99.9943, 0.3127,
0.3290

■ 25.9125, 0.3723,
0.1824

■ 25.9113, 0.3723,
0.1824

Harmonies

Analogous

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



50.1569, 0.2588, 0.2189



50.1569, 0.3324, 0.2455



50.1569, 0.4088, 0.2893

Triad

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



50.1569, 0.3324, 0.2455



50.1569, 0.4193, 0.4486



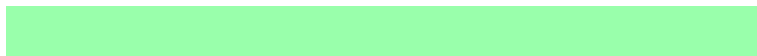
50.1569, 0.1865, 0.2875

Complementary

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



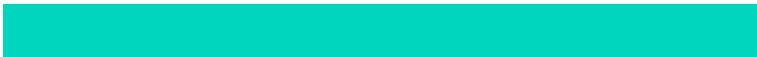
50.1569, 0.3324, 0.2455



81.2145, 0.2981, 0.4304

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.



50.1569, 0.2199, 0.3654



50.1569, 0.3324, 0.2455



50.1569, 0.3532, 0.4703

Square

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



50.1569, 0.3324, 0.2455



50.1569, 0.4596, 0.3994



50.1569, 0.2802, 0.4403



50.1569, 0.1828, 0.2359

Rectangle

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



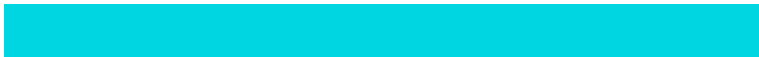
50.1569, 0.3324, 0.2455



50.1569, 0.4460, 0.3245



50.1569, 0.2802, 0.4403



50.1569, 0.1943, 0.3113

Sweetspot

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



50.1592, 0.3324, 0.2455



81.6644, 0.3176, 0.3044



38.5548, 0.2499, 0.2093



17.0913, 0.3182, 0.3017



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.



50.1592, 0.3324, 0.2455



43.8346, 0.3375, 0.2299



47.6316, 0.3798, 0.2937



18.2422, 0.3165, 0.3096



13.5629, 0.3713, 0.1819



1.3343, 0.3645, 0.1782

Inverse Universe

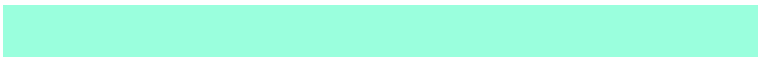
The Inverse Universe completely reimagines the original color for something new.



50.1592, 0.3324, 0.2455



43.8346, 0.3375, 0.2299



83.4951, 0.2732, 0.3683



18.2422, 0.3165, 0.3096



13.5629, 0.3713, 0.1819



1.3343, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 50.1569, 0.3324, 0.2455 looks on a white background.

Color Contrast Check

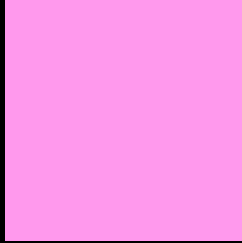
Large Text (above 18pt) WCAG AA × Fail

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 50.1569, 0.3324, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

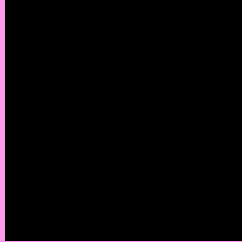
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1569, 0.3324, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 50.1569, 0.3324, 0.2455.

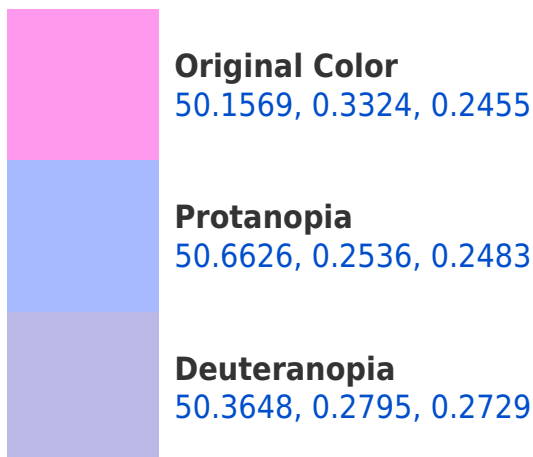


This preview shows how white text looks on a background with the Yxy color 50.1569, 0.3324, 0.2455.

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

50.0811, 0.3789, 0.3152

Trichromacy



Original Color

50.1569, 0.3324, 0.2455



Protanomaly

49.3288, 0.2786, 0.2459



Deuteranomaly

49.4720, 0.2969, 0.2612



Tritanomaly

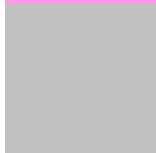
50.1225, 0.3625, 0.2891

Monochromacy



Original Color

50.1569, 0.3324, 0.2455



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.0432, 0.3203, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1569, 0.3324, 0.2455 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, 153, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 237)  
}
```

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, 153, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 237) }
```

Border

The CSS property to change the border of an element to Yxy 50.1569, 0.3324, 0.2455 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, 153, 237) }
```

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

```
.border{ border-color:rgb(255, 153, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1569, 0.3324, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 237) }
```

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

```
.background{ background-color: rgb(255,  
153, 237) }
```

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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