

Converting Colors

$Y_{xy}(52.6785, 0.3159, 0.2345)$

Have a look what the booklet for
Yxy(52.6785, 0.3159, 0.2345)
contains.

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Color

Yxy(52.5564, 0.3155, 0.2342)

Conversions

Conversions Part 1

Format	Color
Hex	FD9EFF
RGB	253, 158, 255
RGB Percent	99%, 62%, 100%
CMY	0.0077, 0.3805, 0.0000
CMYK	0.01, 0.38, 0.00, 0.00
HSL	299°, 100%, 81%
HSV	299°, 38%, 100%
XYZ	70.8008, 52.5564, 101.0510
YIQ	197.4630, 25.4830, 50.3070

Conversions

Conversions Part 2

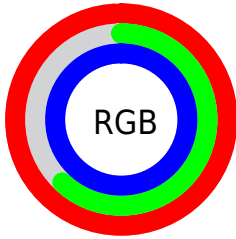
Format	Color
R_{YB}	253, 158, 255
Decimal	16621311
CIE _{Lab}	77.61, 49.75, -33.68
CIE _{LCh}	78, 60.078, 325.898
Yxy	52.5564, 0.3155, 0.2342
Android (android.graphics.Color)	4294811391 (0xFFFD9EFF)
YUV	197.4630, 28.3657, 48.7059
Hunter-Lab	72.4958, 47.4589, -31.8966

Details

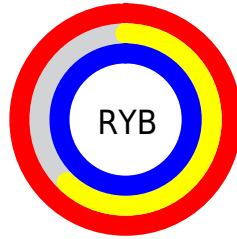
The Yxy color **52.5564, 0.3155, 0.2342** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.4545, 0.3083, 0.4452**, and the grayscale version is **55.9413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5731, 0.3146, 0.2891**, and **25.5799, 0.3148, 0.2139** is the 20% darker color. If you saturate the color by 10%, you get **44.6463, 0.3160, 0.2115**, and if you desaturate by 10%, it is **62.2712, 0.3149, 0.2587**.

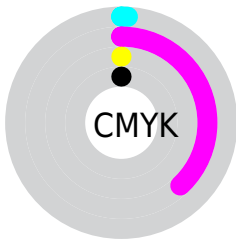
Distribution



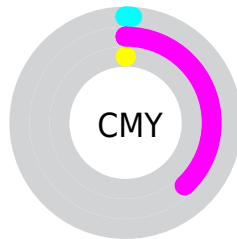
- Red (99%)
- Green (62%)
- Blue (100%)



- Red (99%)
- Yellow (62%)
- Blue (100%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5564, 0.3155, 0.2342 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 52.5564, 0.3155, 0.2342 by changing the saturation by 10% instead.


 52.5564, 0.3155,
0.2342


 52.5564, 0.3155,
0.2342


396.5809, 0.3156,
0.2766

 37.4488, 0.3151,
0.2250


 93.9513, 0.3158,
0.2486

 25.5551, 0.3145,
0.2138

 121.0073, 0.3158,
0.2542

 16.4911, 0.3135,
0.2000


152.8150, 0.3158,
0.2592

 9.8724, 0.3118,
0.1828

189.7586, 0.3158,
0.2635

 5.3144, 0.3087,
0.1606

232.2226, 0.3158,
0.2673

 2.4329, 0.3028,
0.1314

280.5914, 0.3157,

 0.8427, 0.2909,

0.2708

0.0927

335.2494, 0.3157,
0.2738

■ 0.0000, 0.2761,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5564, 0.3155,
0.2342

■ 52.5564, 0.3155,
0.2342

■ 44.6463, 0.3160,
0.2115

■ 62.2712, 0.3149,
0.2587

■ 38.4286, 0.3164,
0.1916

■ 73.8936, 0.3142,
0.2840

■ 33.7782, 0.3165,
0.1753

■ 87.5187, 0.3134,
0.3092

■ 30.5527, 0.3165,
0.1632

100.0000, 0.3127,
0.3290

■ 28.5841, 0.3163,
0.1555

■ 27.6442, 0.3159,
0.1518

■ 27.5177, 0.3158,
0.1513

Harmonies

Analogous

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



52.5564, 0.2423, 0.2111



52.5564, 0.3155, 0.2342



52.5564, 0.3980, 0.2764

Triad

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



52.5564, 0.3155, 0.2342



52.5564, 0.4357, 0.4441



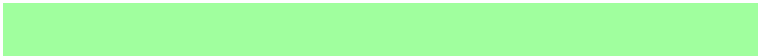
52.5564, 0.1855, 0.3005

Complementary

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



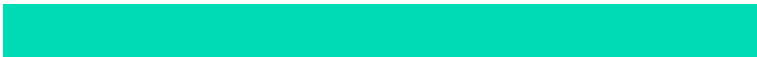
52.5564, 0.3155, 0.2342



81.4545, 0.3083, 0.4452

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.



52.5564, 0.2265, 0.3860



52.5564, 0.3155, 0.2342



52.5564, 0.3704, 0.4768

Square

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



52.5564, 0.3155, 0.2342



52.5564, 0.4705, 0.3892



52.5564, 0.2938, 0.4587



52.5564, 0.1755, 0.2398

Rectangle

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



52.5564, 0.3155, 0.2342



52.5564, 0.4426, 0.3117



52.5564, 0.2938, 0.4587



52.5564, 0.1957, 0.3273

Sweetspot

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



52.5563, 0.3155, 0.2342



83.2837, 0.3136, 0.3018



40.0499, 0.2429, 0.2165



17.4227, 0.3137, 0.2984



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.



52.5563, 0.3155, 0.2342



46.1251, 0.3159, 0.2160



50.3449, 0.3565, 0.2759



18.2806, 0.3135, 0.3056



14.3870, 0.3159, 0.1514



1.4065, 0.3165, 0.1517

Inverse Universe

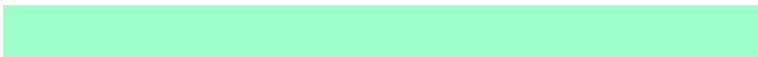
The Inverse Universe completely reimagines the original color for something new.



48.2413, 0.4056, 0.3272



41.2464, 0.4361, 0.3269



83.1106, 0.2844, 0.3897



17.9930, 0.3291, 0.3286



11.1173, 0.6380, 0.3288



1.0844, 0.6332, 0.3262

Previews

White Background



This preview shows how the Yxy color 52.5564, 0.3155, 0.2342 looks on a white background.

Color Contrast Check

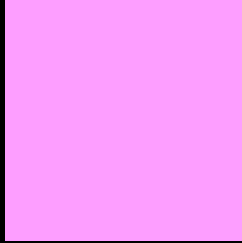
Large Text (above 18pt) WCAG AA × Fail

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 52.5564, 0.3155, 0.2342 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 52.5564, 0.3155, 0.2342

Background



This preview shows how black text looks on a background with the Yxy color 52.5564, 0.3155, 0.2342.



This preview shows how white text looks on a background with the Yxy color 52.5564, 0.3155, 0.2342.

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

52.5564, 0.3155, 0.2342

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.9380, 0.2652, 0.2594



Tritanopia

52.6654, 0.3656, 0.3150

Trichromacy



Original Color

52.5564, 0.3155, 0.2342



Protanomaly

51.6173, 0.2759, 0.2441



Deuteranomaly

52.0712, 0.2821, 0.2487



Tritanomaly

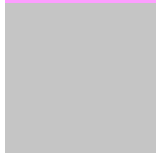
52.4826, 0.3466, 0.2837

Monochromacy



Original Color

52.5564, 0.3155, 0.2342



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.6806, 0.3138, 0.2894

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5564, 0.3155, 0.2342 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(253, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 255)  
}
```

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(253, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.5564, 0.3155, 0.2342 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(253, 158, 255) }
```

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

```
.border{ border-color:rgb(253, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5564, 0.3155, 0.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 158, 255) }
```

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

```
.background{ background-color: rgb(253,  
158, 255) }
```

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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