

Converting Colors

Yxy(54.8116, 0.3219, 0.2462)

Have a look what the booklet for
Yxy(54.8116, 0.3219, 0.2462)
contains.

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Color

Yxy(54.6505, 0.3216, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4F9
RGB	255, 164, 249
RGB Percent	100%, 64%, 98%
CMY	0.0000, 0.3569, 0.0234
CMYK	0.00, 0.36, 0.02, 0.00
HSL	304°, 100%, 82%
HSV	304°, 36%, 100%
XYZ	71.6202, 54.6505, 96.4290
YIQ	200.8990, 26.9510, 45.7270

Conversions

Conversions Part 2

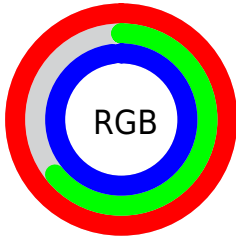
Format	Color
RYB	255, 164, 249
Decimal	16753913
CIELab	78.84, 46.20, -28.55
CIElCh	79, 54.308, 328.287
Yxy	54.6505, 0.3216, 0.2454
Android (android.graphics.Color)	4294943993 (0xFFFFA4F9)
YUV	200.8990, 23.7138, 47.4466
Hunter-Lab	73.9260, 43.5621, -25.5896

Details

The Yxy color **54.6505, 0.3216, 0.2454** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.3128, 0.3046, 0.4299**, and the grayscale version is **58.1818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.8279, 0.3231, 0.2274** is the 20% darker color. If you saturate the color by 10%, you get **46.3183, 0.3245, 0.2235**, and if you desaturate by 10%, it is **64.8163, 0.3189, 0.2687**.

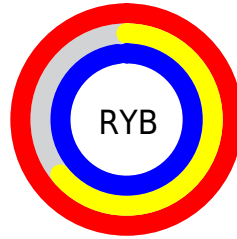
Distribution



Red (100%)

Green (64%)

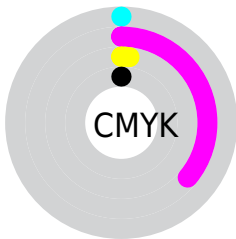
Blue (98%)



Red (100%)

Yellow (64%)

Blue (98%)

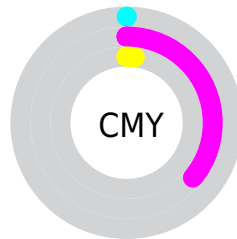


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6505, 0.3216, 0.2454 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 54.6505, 0.3216, 0.2454 by changing the saturation by 10% instead.


 54.6505, 0.3216,
0.2454


 54.6505, 0.3216,
0.2454


404.5857, 0.3185,
0.2830

 39.1220, 0.3221,
0.2371


 97.0287, 0.3207,
0.2582

 26.8546, 0.3225,
0.2271

 124.6471, 0.3203,
0.2632

 17.4641, 0.3229,
0.2147


157.0644, 0.3200,
0.2676

 10.5659, 0.3230,
0.1989

194.6647, 0.3196,
0.2714

 5.7758, 0.3227,
0.1785

237.8327, 0.3193,
0.2748

 2.7092, 0.3210,
0.1510

286.9526, 0.3190,

 0.9819, 0.3158,

0.2778

0.1133

342.4088, 0.3187,
0.2805

■ 0.0000, 0.3201,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6505, 0.3216,
0.2454

■ 54.6505, 0.3216,
0.2454

■ 46.3183, 0.3245,
0.2235

■ 64.8163, 0.3189,
0.2687

■ 39.7051, 0.3274,
0.2039

■ 76.9119, 0.3163,
0.2925

■ 34.6907, 0.3302,
0.1877

■ 91.0323, 0.3139,
0.3160

■ 31.1375, 0.3329,
0.1756

100.0000, 0.3127,
0.3290

■ 28.8845, 0.3353,
0.1678

■ 27.7326, 0.3375,
0.1644

■ 27.4508, 0.3384,
0.1638

Harmonies

Analogous

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



54.6505, 0.2541, 0.2226



54.6505, 0.3216, 0.2454



54.6505, 0.3944, 0.2855

Triad

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



54.6505, 0.3216, 0.2454



54.6505, 0.4207, 0.4374



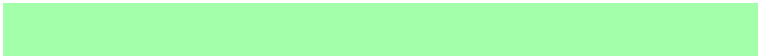
54.6505, 0.1958, 0.2992

Complementary

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



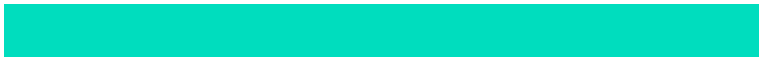
54.6505, 0.3216, 0.2454



82.3128, 0.3046, 0.4299

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.



54.6505, 0.2316, 0.3736



54.6505, 0.3216, 0.2454



54.6505, 0.3608, 0.4613

Square

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



54.6505, 0.3216, 0.2454



54.6505, 0.4536, 0.3897



54.6505, 0.2915, 0.4394



54.6505, 0.1883, 0.2462

Rectangle

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



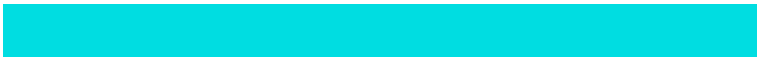
54.6505, 0.3216, 0.2454



54.6505, 0.4323, 0.3185



54.6505, 0.2915, 0.4394



54.6505, 0.2046, 0.3226

Sweetspot

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



54.6520, 0.3216, 0.2454



83.2731, 0.3152, 0.3036



42.1550, 0.2505, 0.2219



17.4201, 0.3155, 0.3004



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.



54.6520, 0.3216, 0.2454



48.3841, 0.3237, 0.2292



52.2152, 0.3599, 0.2867



18.2786, 0.3148, 0.3071



14.3524, 0.3381, 0.1636



1.4034, 0.3359, 0.1624

Inverse Universe

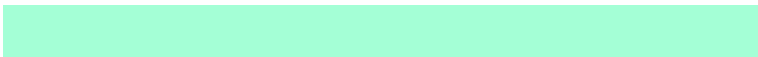
The Inverse Universe completely reimagines the original color for something new.



54.6520, 0.3216, 0.2454



48.3841, 0.3237, 0.2292



84.2698, 0.2821, 0.3761



18.2786, 0.3148, 0.3071



14.3524, 0.3381, 0.1636



1.4034, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 54.6505, 0.3216, 0.2454 looks on a white background.

Color Contrast Check

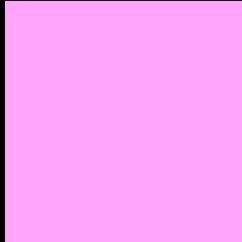
Large Text (above 18pt) WCAG AA × Fail

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 54.6505, 0.3216, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

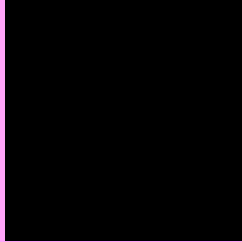
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6505, 0.3216, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 54.6505, 0.3216, 0.2454.



This preview shows how white text looks on a background with the Yxy color 54.6505, 0.3216, 0.2454.

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

54.6505, 0.3216, 0.2454

Protanopia

55.2686, 0.2611, 0.2591

Deuteranopia

55.1781, 0.2754, 0.2693



Tritanopia

54.4989, 0.3648, 0.3152

Trichromacy



Original Color

54.6505, 0.3216, 0.2454



Protanomaly

54.0806, 0.2804, 0.2522



Deuteranomaly

54.4059, 0.2910, 0.2591



Tritanomaly

54.5322, 0.3486, 0.2883

Monochromacy



Original Color

54.6505, 0.3216, 0.2454



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.4005, 0.3167, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6505, 0.3216, 0.2454 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, 164, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 249)  
}
```

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, 164, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 249) }
```

Border

The CSS property to change the border of an element to Yxy 54.6505, 0.3216, 0.2454 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, 164, 249) }
```

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

```
.border{ border-color:rgb(255, 164, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6505, 0.3216, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 249) }
```

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

```
.background{ background-color: rgb(255,  
164, 249) }
```

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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