

Converting Colors

$Y_{xy}(56.3802, 0.3362, 0.2529)$

Have a look what the booklet for
Yxy(56.3802, 0.3362, 0.2529)
contains.

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Color

Yxy(54.2820, 0.3265, 0.2507)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4F3
RGB	255, 164, 243
RGB Percent	100%, 64%, 95%
CMY	0.0000, 0.3568, 0.0471
CMYK	0.00, 0.36, 0.05, 0.00
HSL	308°, 100%, 82%
HSV	308°, 36%, 100%
XYZ	70.6943, 54.2820, 91.5454
YIQ	200.2150, 28.8770, 43.8610

Conversions

Conversions Part 2

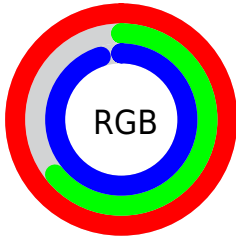
Format	Color
R _Y B	255, 164, 243
Decimal	16753907
CIE Lab	78.63, 45.15, -25.62
CIE LCh	79, 51.912, 330.431
Yxy	54.2820, 0.3265, 0.2507
Android (android.graphics.Color)	4294943987 (0xFFFFA4F3)
YUV	200.2150, 21.0930, 48.0464
Hunter-Lab	73.6763, 42.3418, -22.0965

Details

The Yxy color **54.2820, 0.3265, 0.2507** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.5476, 0.3015, 0.4225**, and the grayscale version is **57.7530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.6100, 0.3286, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **45.8516, 0.3313, 0.2299**, and if you desaturate by 10%, it is **64.5484, 0.3221, 0.2727**.

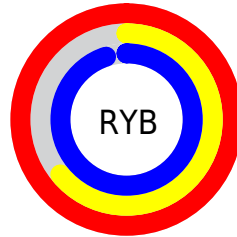
Distribution



Red (100%)

Green (64%)

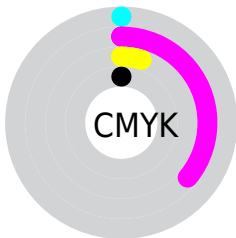
Blue (95%)



Red (100%)

Yellow (64%)

Blue (95%)

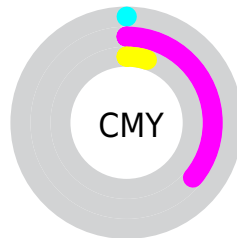


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2820, 0.3265, 0.2507 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 54.2820, 0.3265, 0.2507 by changing the saturation by 10% instead.


 54.2820, 0.3265,
0.2507


 54.2820, 0.3265,
0.2507


403.1845, 0.3209,
0.2861

 38.8272, 0.3276,
0.2428


 96.4882, 0.3247,
0.2628

 26.6253, 0.3288,
0.2333


 124.0083, 0.3240,
0.2676

 17.2920, 0.3302,
0.2214


156.3190, 0.3233,
0.2717

 10.4429, 0.3317,
0.2062

193.8046, 0.3227,
0.2753

 5.6936, 0.3333,
0.1863

236.8496, 0.3222,
0.2785

 2.6597, 0.3345,
0.1593

285.8383, 0.3217,

 0.9568, 0.3340,

0.2813

0.1214

341.1551, 0.3213,
0.2838

0.0000, 0.3501,
0.0000

0.0000, 0.0000,
0.0000

54.2820, 0.3265,
0.2507

54.2820, 0.3265,
0.2507

45.8516, 0.3313,
0.2299

64.5484, 0.3221,
0.2727

39.1432, 0.3363,
0.2112

76.7476, 0.3181,
0.2950

34.0365, 0.3415,
0.1957

90.9746, 0.3145,
0.3169

30.3936, 0.3466,
0.1842

100.0000, 0.3127,
0.3290

■ 28.0538, 0.3516,
0.1773

■ 26.8177, 0.3562,
0.1748

■ 26.5005, 0.3581,
0.1746

Harmonies

Analogous

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



54.2820, 0.2606, 0.2273



54.2820, 0.3265, 0.2507



54.2820, 0.3955, 0.2905

Triad

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



54.2820, 0.3265, 0.2507



54.2820, 0.4133, 0.4361



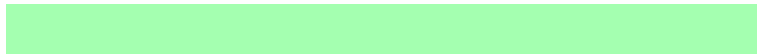
54.2820, 0.1987, 0.2963

Complementary

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



54.2820, 0.3265, 0.2507



82.5476, 0.3015, 0.4225

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.



54.2820, 0.2316, 0.3665



54.2820, 0.3265, 0.2507



54.2820, 0.3547, 0.4557

Square

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



54.2820, 0.3265, 0.2507



54.2820, 0.4469, 0.3917



54.2820, 0.2880, 0.4309



54.2820, 0.1933, 0.2470

Rectangle

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



54.2820, 0.3265, 0.2507



54.2820, 0.4303, 0.3228



54.2820, 0.2880, 0.4309



54.2820, 0.2066, 0.3182

Sweetspot

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



54.2833, 0.3265, 0.2507



83.1549, 0.3164, 0.3053



42.8422, 0.2547, 0.2231



17.3917, 0.3168, 0.3024



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.



54.2833, 0.3265, 0.2507



47.9414, 0.3300, 0.2353



51.9304, 0.3655, 0.2929



18.2567, 0.3158, 0.3086



13.8631, 0.3574, 0.1742



1.3608, 0.3526, 0.1716

Inverse Universe

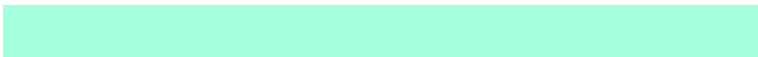
The Inverse Universe completely reimagines the original color for something new.



54.2833, 0.3265, 0.2507



47.9414, 0.3300, 0.2353



84.5865, 0.2791, 0.3688



18.2567, 0.3158, 0.3086



13.8631, 0.3574, 0.1742



1.3608, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 54.2820, 0.3265, 0.2507 looks on a white background.

Color Contrast Check

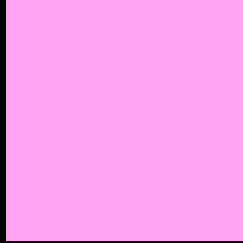
Large Text (above 18pt) WCAG AA × Fail

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 54.2820, 0.3265, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

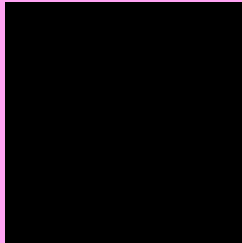
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2820, 0.3265, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 54.2820, 0.3265, 0.2507.



This preview shows how white text looks on a background with the Yxy color 54.2820, 0.3265, 0.2507.

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

54.2820, 0.3265, 0.2507

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.6411, 0.2805, 0.2747



Tritanopia

54.2472, 0.3668, 0.3152

Trichromacy



Original Color

54.2820, 0.3265, 0.2507



Protanomaly

53.5427, 0.2816, 0.2530



Deuteranomaly

53.7861, 0.2959, 0.2640



Tritanomaly

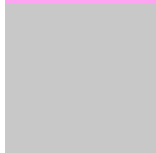
54.1891, 0.3523, 0.2904

Monochromacy



Original Color

54.2820, 0.3265, 0.2507



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.7142, 0.3175, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2820, 0.3265, 0.2507 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 243) }
```

Border

The CSS property to change the border of an element to Yxy 54.2820, 0.3265, 0.2507 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, 243) }
```

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

```
.border{ border-color:rgb(255, 164, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2820, 0.3265, 0.2507 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
164, 243) }
```

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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