

Converting Colors

$Yxy(61.4068, 0.3584, 0.2647)$

Have a look what the booklet for
Yxy(61.4068, 0.3584, 0.2647)
contains.

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Color

Yxy(54.6469, 0.3313, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6ED
RGB	255, 166, 237
RGB Percent	100%, 65%, 93%
CMY	0.0000, 0.3491, 0.0705
CMYK	0.00, 0.35, 0.07, 0.00
HSL	312°, 100%, 83%
HSV	312°, 35%, 100%
XYZ	70.1726, 54.6469, 86.9902
YIQ	200.7050, 30.2530, 40.9490

Conversions

Conversions Part 2

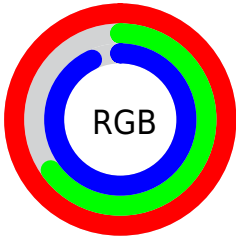
Format	Color
R _Y B	255, 166, 237
Decimal	16754413
CIE Lab	78.84, 43.12, -22.07
CIE LCh	79, 48.441, 332.898
Yxy	54.6469, 0.3313, 0.2580
Android (android.graphics.Color)	4294944493 (0xFFFFA6ED)
YUV	200.7050, 17.8934, 47.6167
Hunter-Lab	73.9235, 40.0764, -18.0236

Details

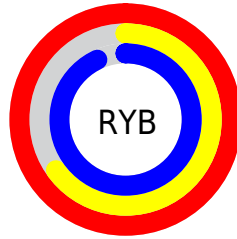
The Yxy color **54.6469, 0.3313, 0.2580** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0848, 0.2986, 0.4125**, and the grayscale version is **58.0863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.7949, 0.3351, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **45.9784, 0.3382, 0.2383**, and if you desaturate by 10%, it is **65.1563, 0.3251, 0.2786**.

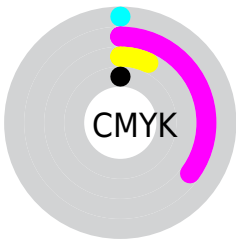
Distribution



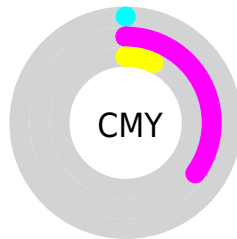
- Red (100%)
- Green (65%)
- Blue (93%)



- Red (100%)
- Yellow (65%)
- Blue (93%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6469, 0.3313, 0.2580 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 54.6469, 0.3313, 0.2580 by changing the saturation by 10% instead.


 54.6469, 0.3313,
0.2580


 54.6469, 0.3313,
0.2580


404.5721, 0.3232,
0.2903

 39.1191, 0.3330,
0.2508

 97.0234, 0.3286,
0.2691

 26.8524, 0.3350,
0.2419

 124.6409, 0.3275,
0.2734

 17.4624, 0.3375,
0.2309


157.0571, 0.3266,
0.2772

 10.5647, 0.3405,
0.2167

194.6563, 0.3258,
0.2805

 5.7750, 0.3443,
0.1979

237.8231, 0.3250,
0.2834

 2.7087, 0.3488,
0.1721

286.9417, 0.3244,

 0.9816, 0.3540,

0.2860

0.1349

342.3965, 0.3238,
0.2883

0.0000, 0.3880,
0.0000

0.0000, 0.0000,
0.0000

54.6469, 0.3313,
0.2580

54.6469, 0.3313,
0.2580

45.9784, 0.3382,
0.2383

65.1563, 0.3251,
0.2786

39.0499, 0.3457,
0.2206

77.6151, 0.3196,
0.2992

33.7377, 0.3536,
0.2057

92.1136, 0.3148,
0.3194

29.9057, 0.3616,
0.1948

100.0000, 0.3127,
0.3290

■ 27.3950, 0.3696,
0.1884

■ 26.0103, 0.3772,
0.1867

■ 25.5962, 0.3810,
0.1873

Harmonies

Analogous

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



54.6469, 0.2686, 0.2344



54.6469, 0.3313, 0.2580



54.6469, 0.3945, 0.2967

Triad

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



54.6469, 0.3313, 0.2580



54.6469, 0.4035, 0.4322



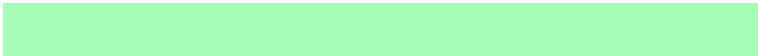
54.6469, 0.2043, 0.2943

Complementary

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



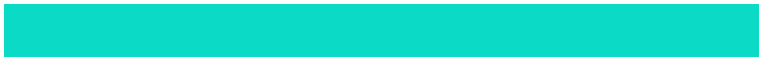
54.6469, 0.3313, 0.2580



83.0848, 0.2986, 0.4125

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.



54.6469, 0.2335, 0.3584



54.6469, 0.3313, 0.2580



54.6469, 0.3475, 0.4464

Square

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



54.6469, 0.3313, 0.2580



54.6469, 0.4369, 0.3925



54.6469, 0.2852, 0.4193



54.6469, 0.2011, 0.2499

Rectangle

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



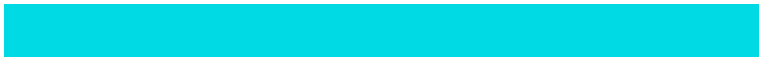
54.6469, 0.3313, 0.2580



54.6469, 0.4251, 0.3278



54.6469, 0.2852, 0.4193



54.6469, 0.2111, 0.3142

Sweetspot

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



54.6441, 0.3313, 0.2580



84.4685, 0.3171, 0.3092



44.6526, 0.2615, 0.2272



17.6487, 0.3178, 0.3064



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.



54.6441, 0.3313, 0.2580



48.3131, 0.3361, 0.2439



52.3646, 0.3709, 0.3013



18.2338, 0.3169, 0.3102



13.3966, 0.3798, 0.1866



1.3196, 0.3718, 0.1822

Inverse Universe

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



54.6441, 0.3313, 0.2580



48.3131, 0.3361, 0.2439



85.2436, 0.2760, 0.3591



18.2338, 0.3169, 0.3102



13.3966, 0.3798, 0.1866



1.3196, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 54.6469, 0.3313, 0.2580 looks on a white background.

Color Contrast Check

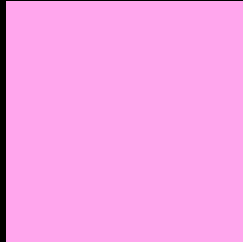
Large Text (above 18pt) WCAG AA × Fail

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 54.6469, 0.3313, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

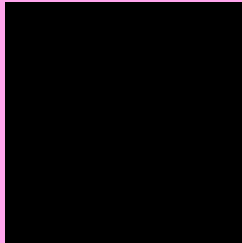
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6469, 0.3313, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 54.6469, 0.3313, 0.2580.



This preview shows how white text looks on a background with the Yxy color 54.6469, 0.3313, 0.2580.

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

54.6469, 0.3313, 0.2580

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

54.8236, 0.2873, 0.2815



Tritanopia

54.4738, 0.3668, 0.3142

Trichromacy



Original Color

54.6469, 0.3313, 0.2580



Protanomaly

53.9097, 0.2844, 0.2572



Deuteranomaly

54.1481, 0.3018, 0.2715



Tritanomaly

54.4705, 0.3539, 0.2935

Monochromacy



Original Color

54.6469, 0.3313, 0.2580



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.1936, 0.3198, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6469, 0.3313, 0.2580 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, 166, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.6469, 0.3313, 0.2580 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, 166, 237) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6469, 0.3313, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 237) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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