

Converting Colors

Yxy(111.8503, 0.4727, 0.2929)

Have a look what the booklet for
Yxy(111.8503, 0.4727, 0.2929)
contains.

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Color

Yxy(54.7806, 0.3346, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E9
RGB	255, 167, 233
RGB Percent	100%, 65%, 91%
CMY	0.0000, 0.3451, 0.0863
CMYK	0.00, 0.35, 0.09, 0.00
HSL	315°, 100%, 83%
HSV	315°, 35%, 100%
XYZ	69.7738, 54.7806, 83.9747
YIQ	200.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

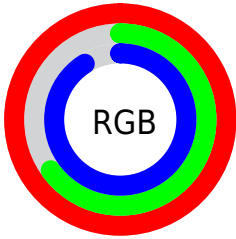
Format	Color
R _Y B	255, 167, 233
Decimal	16754665
CIE _{Lab}	78.91, 41.93, -19.77
CIE _{LCh}	79, 46.356, 334.762
Y _{xy}	54.7806, 0.3346, 0.2627
Android (android.graphics.Color)	4294944745 (0xFFFFA7E9)
YUV	200.8360, 15.8569, 47.5018
Hunter-Lab	74.0139, 38.7498, -15.4595

Details

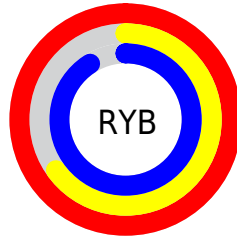
The Yxy color **54.7806, 0.3346, 0.2627** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4090, 0.2965, 0.4062**, and the grayscale version is **58.1820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.8549, 0.3396, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **45.9793, 0.3430, 0.2439**, and if you desaturate by 10%, it is **65.4289, 0.3271, 0.2822**.

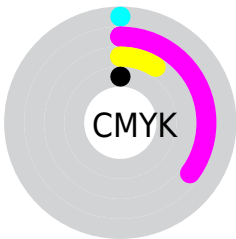
Distribution



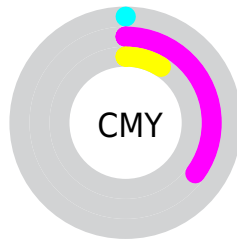
- Red (100%)
- Green (65%)
- Blue (91%)



- Red (100%)
- Yellow (65%)
- Blue (91%)



- Cyan (0%)
- Magenta (35%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7806, 0.3346, 0.2627 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 54.7806, 0.3346, 0.2627 by changing the saturation by 10% instead.


 54.7806, 0.3346,
0.2627


 54.7806, 0.3346,
0.2627


405.0797, 0.3248,
0.2930

 39.2261, 0.3367,
0.2559


 97.2194, 0.3313,
0.2731

 26.9357, 0.3393,
0.2475


 124.8725, 0.3300,
0.2772

 17.5249, 0.3425,
0.2370


157.3273, 0.3288,
0.2807

 10.6094, 0.3466,
0.2235

194.9681, 0.3278,
0.2838

 5.8049, 0.3518,
0.2056

238.1794, 0.3269,
0.2865

 2.7268, 0.3587,
0.1805

287.3454, 0.3262,

 0.9908, 0.3679,

0.2889

0.1440

342.8508, 0.3255,
0.2911

■ 0.0000, 0.4158,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7806, 0.3346,
0.2627

■ 54.7806, 0.3346,
0.2627

■ 45.9793, 0.3430,
0.2439

■ 65.4289, 0.3271,
0.2822

■ 38.9281, 0.3523,
0.2269

■ 78.0363, 0.3206,
0.3017

■ 33.5028, 0.3622,
0.2127

■ 92.6916, 0.3150,
0.3207

■ 29.5676, 0.3725,
0.2023

100.0000, 0.3127,
0.3290

■ 26.9648, 0.3828,
0.1965

■ 25.5009, 0.3928,
0.1956

■ 25.0309, 0.3981,
0.1967

Harmonies

Analogous

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



54.7806, 0.2739, 0.2389



54.7806, 0.3346, 0.2627



54.7806, 0.3942, 0.3008

Triad

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



54.7806, 0.3346, 0.2627



54.7806, 0.3971, 0.4298



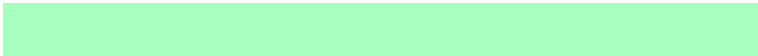
54.7806, 0.2076, 0.2928

Complementary

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



54.7806, 0.3346, 0.2627



83.4090, 0.2965, 0.4062

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.



54.7806, 0.2344, 0.3532



54.7806, 0.3346, 0.2627



54.7806, 0.3427, 0.4406

Square

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



54.7806, 0.3346, 0.2627



54.7806, 0.4306, 0.3932



54.7806, 0.2831, 0.4120



54.7806, 0.2060, 0.2514

Rectangle

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



54.7806, 0.3346, 0.2627



54.7806, 0.4221, 0.3311



54.7806, 0.2831, 0.4120



54.7806, 0.2138, 0.3115

Sweetspot

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



54.7766, 0.3346, 0.2627



84.3917, 0.3179, 0.3104



45.6723, 0.2654, 0.2293



17.6300, 0.3187, 0.3077



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.



54.7766, 0.3346, 0.2627



48.8652, 0.3399, 0.2504



52.5681, 0.3741, 0.3061



18.2181, 0.3177, 0.3113



13.1044, 0.3965, 0.1958



1.2934, 0.3860, 0.1900

Inverse Universe

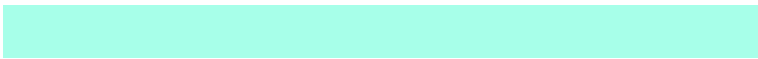
The Inverse Universe completely reimagines the original color for something new.



54.7766, 0.3346, 0.2627



48.8652, 0.3399, 0.2504



85.6176, 0.2742, 0.3536



18.2181, 0.3177, 0.3113



13.1044, 0.3965, 0.1958



1.2934, 0.3860, 0.1900

Previews

White Background



This preview shows how the Yxy color 54.7806, 0.3346, 0.2627 looks on a white background.

Color Contrast Check

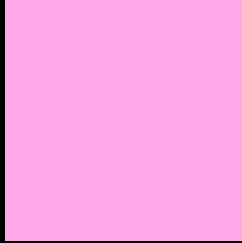
Large Text (above 18pt) WCAG AA × Fail

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 54.7806, 0.3346, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

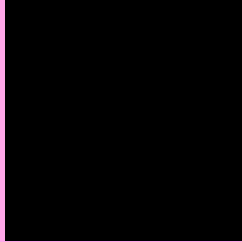
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7806, 0.3346, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 54.7806, 0.3346, 0.2627.



This preview shows how white text looks on a background with the Yxy color 54.7806, 0.3346, 0.2627.

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

54.7806, 0.3346, 0.2627

Protanopia

55.4356, 0.2648, 0.2625

Deuteranopia

55.0609, 0.2916, 0.2850



Tritanopia

54.6581, 0.3676, 0.3143

Trichromacy



Original Color

54.7806, 0.3346, 0.2627



Protanomaly

54.2834, 0.2872, 0.2614



Deuteranomaly

54.2291, 0.3063, 0.2758



Tritanomaly

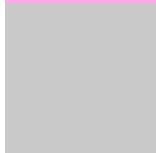
54.6083, 0.3556, 0.2946

Monochromacy



Original Color

54.7806, 0.3346, 0.2627



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.5714, 0.3205, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7806, 0.3346, 0.2627 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, 167, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 233)  
}
```

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, 167, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 233) }
```

Border

The CSS property to change the border of an element to Yxy 54.7806, 0.3346, 0.2627 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, 167, 233) }
```

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

```
.border{ border-color:rgb(255, 167, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7806, 0.3346, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 233) }
```

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

```
.background{ background-color: rgb(255,  
167, 233) }
```

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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