

Converting Colors

Yxy(57.6112, 0.3204, 0.2521)

Have a look what the booklet for
Yxy(57.6112, 0.3204, 0.2521)
contains.

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Color

Yxy(57.6672, 0.3204, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	FFACFA
RGB	255, 172, 250
RGB Percent	100%, 67%, 98%
CMY	0.0000, 0.3256, 0.0195
CMYK	0.00, 0.33, 0.02, 0.00
HSL	304°, 100%, 84%
HSV	304°, 33%, 100%
XYZ	73.2616, 57.6672, 97.7278
YIQ	205.7090, 24.4300, 41.8540

Conversions

Conversions Part 2

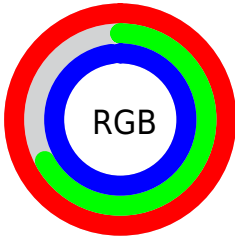
Format	Color
R _Y B	255, 172, 250
Decimal	16755962
CIE Lab	80.55, 42.26, -26.45
CIE LCh	81, 49.857, 327.958
Yxy	57.6672, 0.3204, 0.2522
Android (android.graphics.Color)	4294946042 (0xFFFFACFA)
YUV	205.7090, 21.8355, 43.2282
Hunter-Lab	75.9389, 39.3136, -23.1446

Details

The Yxy color **57.6672, 0.3204, 0.2522** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.4614, 0.3056, 0.4201**, and the grayscale version is **61.3655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **28.6774, 0.3214, 0.2356** is the 20% darker color. If you saturate the color by 10%, you get **48.7745, 0.3230, 0.2296**, and if you desaturate by 10%, it is **68.4115, 0.3178, 0.2759**.

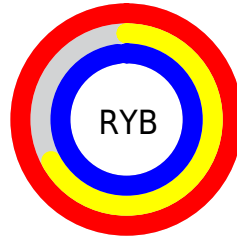
Distribution



Red (100%)

Green (67%)

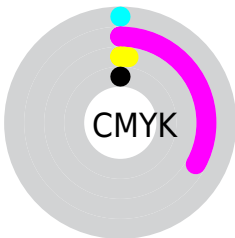
Blue (98%)



Red (100%)

Yellow (67%)

Blue (98%)

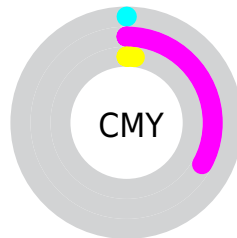


Cyan (0%)

Magenta (33%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6672, 0.3204, 0.2522 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 57.6672, 0.3204, 0.2522 by changing the saturation by 10% instead.

 57.6672, 0.3204,
0.2522

 57.6672, 0.3204,
0.2522


415.9447, 0.3177,
0.2867

 41.5412, 0.3208,
0.2446

 101.4381, 0.3196,
0.2639

 28.7422, 0.3212,
0.2354

129.8517, 0.3193,
0.2686

 18.8859, 0.3216,
0.2240


163.1299, 0.3190,
0.2726

 11.5878, 0.3217,
0.2095

201.6572, 0.3187,
0.2761

 6.4637, 0.3215,
0.1906

245.8180, 0.3184,
0.2792

 3.1290, 0.3202,
0.1652


295.9965, 0.3182,


 1.1995, 0.3162,


0.2820


0.1296

352.5773, 0.3179,
0.2844


 0.0613, 0.3242,
0.0178

 0.0000, 0.0504,
0.0000


 57.6672, 0.3204,
0.2522


 57.6672, 0.3204,
0.2522


 48.7745, 0.3230,
0.2296


 68.4115, 0.3178,
0.2759

 41.6434, 0.3258,
0.2092

 81.1227, 0.3154,
0.2997

 36.1505, 0.3285,
0.1918

 95.8864, 0.3132,
0.3232

 32.1638, 0.3310,
0.1782

100.0000, 0.3127,
0.3290

■ 29.5307, 0.3334,
0.1690

■ 28.0666, 0.3355,
0.1642

■ 27.5337, 0.3369,
0.1629

Harmonies

Analogous

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



57.6672, 0.2591, 0.2314



57.6672, 0.3204, 0.2522



57.6672, 0.3858, 0.2892

Triad

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



57.6672, 0.3204, 0.2522



57.6672, 0.4119, 0.4278



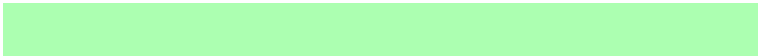
57.6672, 0.2063, 0.3035

Complementary

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



57.6672, 0.3204, 0.2522



83.4614, 0.3056, 0.4201

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.



57.6672, 0.2399, 0.3700



57.6672, 0.3204, 0.2522



57.6672, 0.3580, 0.4480

Square

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



57.6672, 0.3204, 0.2522



57.6672, 0.4405, 0.3852



57.6672, 0.2949, 0.4279



57.6672, 0.1988, 0.2547

Rectangle

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



57.6672, 0.3204, 0.2522



57.6672, 0.4200, 0.3197



57.6672, 0.2949, 0.4279



57.6672, 0.2146, 0.3246

Sweetspot

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



57.6616, 0.3204, 0.2522



84.6976, 0.3148, 0.3058



45.9638, 0.2569, 0.2327



17.7045, 0.3152, 0.3025



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.



57.6616, 0.3204, 0.2522



51.7279, 0.3221, 0.2375



55.3785, 0.3544, 0.2906



18.2805, 0.3147, 0.3070



14.3951, 0.3366, 0.1628



1.4071, 0.3346, 0.1617

Inverse Universe

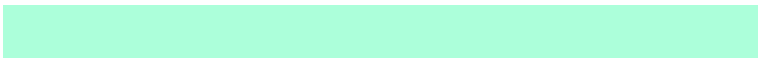
The Inverse Universe completely reimagines the original color for something new.



57.6616, 0.3204, 0.2522



51.7279, 0.3221, 0.2375



85.3318, 0.2845, 0.3713



18.2805, 0.3147, 0.3070



14.3951, 0.3366, 0.1628



1.4071, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 57.6672, 0.3204, 0.2522 looks on a white background.

Color Contrast Check

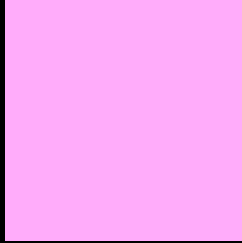
Large Text (above 18pt) WCAG AA × Fail

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 57.6672, 0.3204, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

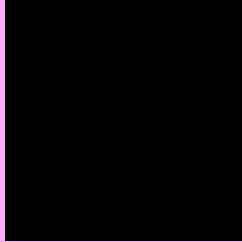
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6672, 0.3204, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 57.6672, 0.3204, 0.2522.



This preview shows how white text looks on a background with the Yxy color 57.6672, 0.3204, 0.2522.

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

57.6672, 0.3204, 0.2522

Protanopia

57.9225, 0.2661, 0.2646

Deuteranopia

58.0040, 0.2793, 0.2728



Tritanopia

57.3979, 0.3581, 0.3142

Trichromacy



Original Color

57.6672, 0.3204, 0.2522



Protanomaly

57.1887, 0.2836, 0.2595



Deuteranomaly

57.1615, 0.2934, 0.2642



Tritanomaly

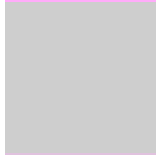
57.3079, 0.3442, 0.2897

Monochromacy



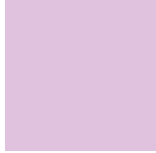
Original Color

57.6672, 0.3204, 0.2522



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.7048, 0.3157, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6672, 0.3204, 0.2522 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, 172, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 250)  
}
```

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, 172, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 250) }
```

Border

The CSS property to change the border of an element to Yxy 57.6672, 0.3204, 0.2522 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, 172, 250) }
```

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

```
.border{ border-color:rgb(255, 172, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6672, 0.3204, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 250) }
```

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

```
.background{ background-color: rgb(255,  
172, 250) }
```

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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