

Converting Colors

$Y_{xy}(57.5579, 0.3266, 0.2604)$

Have a look what the booklet for
Yxy(57.5579, 0.3266, 0.2604)
contains.

Yxy(57.5579, 0.3266, 0.2604)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5579, 0.3266, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FFADF2
RGB	255, 173, 242
RGB Percent	100%, 68%, 95%
CMY	0.0002, 0.3214, 0.0511
CMYK	0.00, 0.32, 0.05, 0.00
HSL	309°, 100%, 84%
HSV	309°, 32%, 100%
XYZ	72.1905, 57.5579, 91.2881
YIQ	205.3840, 26.7230, 38.8430

Conversions

Conversions Part 2

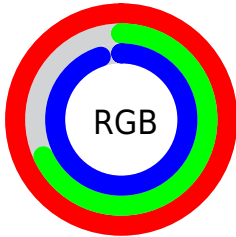
Format	Color
R _Y B	255, 173, 242
Decimal	16756210
CIE Lab	80.49, 40.28, -22.22
CIE LCh	80, 46.003, 331.115
Yxy	57.5579, 0.3266, 0.2604
Android (android.graphics.Color)	4294946290 (0xFFFFADF2)
YUV	205.3840, 18.0517, 43.5132
Hunter-Lab	75.8669, 37.0830, -18.2348

Details

The Yxy color **57.5579, 0.3266, 0.2604** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.9159, 0.3015, 0.4090**, and the grayscale version is **61.1787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.6091, 0.3288, 0.2444** is the 20% darker color. If you saturate the color by 10%, you get **48.4558, 0.3320, 0.2396**, and if you desaturate by 10%, it is **68.5359, 0.3217, 0.2820**.

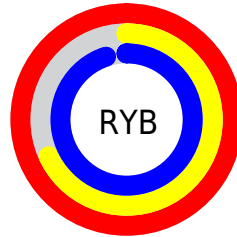
Distribution



Red (100%)

Green (68%)

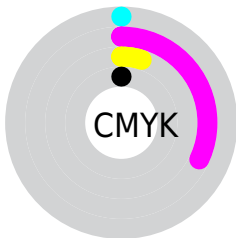
Blue (95%)



Red (100%)

Yellow (68%)

Blue (95%)

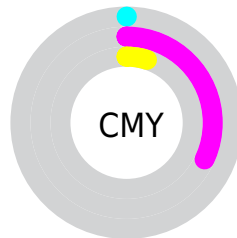


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5579, 0.3266, 0.2604 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 57.5579, 0.3266, 0.2604 by changing the saturation by 10% instead.


 57.5579, 0.3266,
0.2604

 57.5579, 0.3266,
0.2604


415.5366, 0.3208,
0.2914

 41.4533, 0.3278,
0.2535

 101.2788, 0.3247,
0.2710

 28.6735, 0.3292,
0.2451


129.6639, 0.3239,
0.2752

 18.8340, 0.3308,
0.2346


162.9113, 0.3232,
0.2788

 11.5504, 0.3327,
0.2212

201.4054, 0.3226,
0.2820

 6.4383, 0.3350,
0.2035

245.5305, 0.3221,
0.2848

 3.1134, 0.3375,
0.1792


295.6712, 0.3216,

 1.1912, 0.3395,


0.2872


0.1443


352.2117, 0.3212,
0.2895


 0.0545, 0.3654,
0.0190


 0.0000, 0.0000,
0.0000


 57.5579, 0.3266,
0.2604


 57.5579, 0.3266,
0.2604


 48.4558, 0.3320,
0.2396


 68.5359, 0.3217,
0.2820

 41.1154, 0.3379,
0.2204

 81.4802, 0.3173,
0.3036

 35.4222, 0.3440,
0.2041

 96.4844, 0.3135,
0.3247

 31.2449, 0.3502,
0.1914

99.9886, 0.3127,
0.3290

■ 28.4321, 0.3563,
0.1831

■ 26.8009, 0.3621,
0.1794

■ 26.1333, 0.3665,
0.1792

Harmonies

Analogous

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



57.5579, 0.2685, 0.2391



57.5579, 0.3266, 0.2604



57.5579, 0.3860, 0.2964

Triad

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



57.5579, 0.3266, 0.2604



57.5579, 0.4007, 0.4243



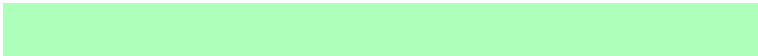
57.5579, 0.2117, 0.3002

Complementary

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



57.5579, 0.3266, 0.2604



83.9159, 0.3015, 0.4090

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.



57.5579, 0.2410, 0.3603



57.5579, 0.3266, 0.2604



57.5579, 0.3493, 0.4384

Square

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



57.5579, 0.3266, 0.2604



57.5579, 0.4298, 0.3868



57.5579, 0.2907, 0.4152



57.5579, 0.2071, 0.2569

Rectangle

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



57.5579, 0.3266, 0.2604



57.5579, 0.4155, 0.3256



57.5579, 0.2907, 0.4152



57.5579, 0.2188, 0.3192

Sweetspot

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



57.5605, 0.3266, 0.2604



84.5384, 0.3164, 0.3082



47.4736, 0.2634, 0.2356



17.6657, 0.3170, 0.3052



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.



57.5605, 0.3266, 0.2604



51.1333, 0.3303, 0.2459



55.4015, 0.3609, 0.2994



18.2480, 0.3162, 0.3092



13.6810, 0.3656, 0.1788



1.3448, 0.3596, 0.1755

Inverse Universe

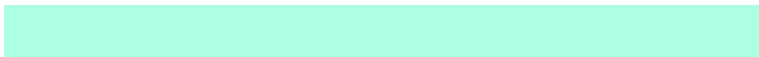
The Inverse Universe completely reimagines the original color for something new.



57.5605, 0.3266, 0.2604



51.1333, 0.3303, 0.2459



85.8766, 0.2807, 0.3611



18.2480, 0.3162, 0.3092



13.6810, 0.3656, 0.1788



1.3448, 0.3596, 0.1755

Previews

White Background



This preview shows how the Yxy color 57.5579, 0.3266, 0.2604 looks on a white background.

Color Contrast Check

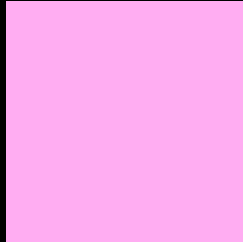
Large Text (above 18pt) WCAG AA × Fail

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 57.5579, 0.3266, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

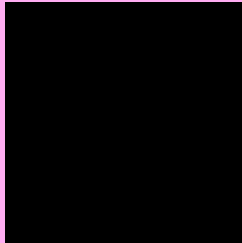
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5579, 0.3266, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 57.5579, 0.3266, 0.2604.



This preview shows how white text looks on a background with the Yxy color 57.5579, 0.3266, 0.2604.

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

57.5579, 0.3266, 0.2604

Protanopia

57.9225, 0.2661, 0.2646

Deuteranopia

57.6208, 0.2872, 0.2803



Tritanopia

57.5812, 0.3589, 0.3143

Trichromacy



Original Color

57.5579, 0.3266, 0.2604



Protanomaly

56.9990, 0.2856, 0.2624



Deuteranomaly

57.1448, 0.3013, 0.2725



Tritanomaly

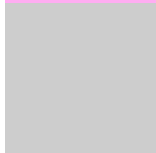
57.5535, 0.3466, 0.2937

Monochromacy



Original Color

57.5579, 0.3266, 0.2604



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

58.8899, 0.3180, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5579, 0.3266, 0.2604 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, 173, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 242)  
}
```

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, 173, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 242) }
```

Border

The CSS property to change the border of an element to Yxy 57.5579, 0.3266, 0.2604 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, 173, 242) }
```

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

```
.border{ border-color:rgb(255, 173, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5579, 0.3266, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 242) }
```

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

```
.background{ background-color: rgb(255,  
173, 242) }
```

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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