

Converting Colors

$Yxy(57.0984, 0.3264, 0.2661)$

Have a look what the booklet for
Yxy(57.0984, 0.3264, 0.2661)
contains.

Yxy(57.0984, 0.3264, 0.2661)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0984, 0.3264, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	FAAFED
RGB	250, 175, 237
RGB Percent	98%, 69%, 93%
CMY	0.0196, 0.3137, 0.0706
CMYK	0.00, 0.30, 0.05, 0.02
HSL	310°, 88%, 83%
HSV	310°, 30%, 98%
XYZ	70.0373, 57.0984, 87.4393
YIQ	204.4930, 24.7980, 35.1820

Conversions

Conversions Part 2

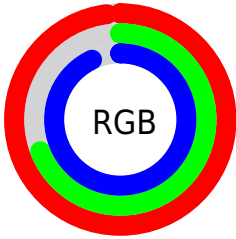
Format	Color
R _Y B	250, 175, 237
Decimal	16429037
CIE Lab	80.23, 36.81, -19.98
CIE LCh	80, 41.880, 331.509
Yxy	57.0984, 0.3264, 0.2661
Android (android.graphics.Color)	4294619117 (0xFFFAAFED)
YUV	204.4930, 16.0260, 39.9096
Hunter-Lab	75.5635, 33.2096, -15.7138

Details

The Yxy color $57.0984, 0.3264, 0.2661$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.1156, 0.3016, 0.4014$, and the grayscale version is $60.5980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $28.3484, 0.3297, 0.2514$ is the 20% darker color. If you saturate the color by 10%, you get $48.0026, 0.3322, 0.2453$, and if you desaturate by 10%, it is $68.0068, 0.3212, 0.2874$.

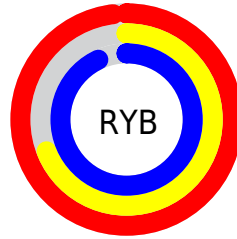
Distribution



Red (98%)

Green (69%)

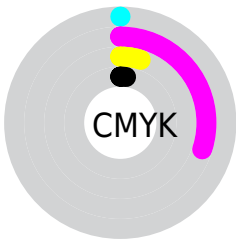
Blue (93%)



Red (98%)

Yellow (69%)

Blue (93%)

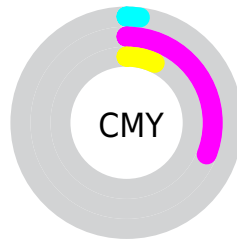


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0984, 0.3264, 0.2661 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 57.0984, 0.3264, 0.2661 by changing the saturation by 10% instead.


 57.0984, 0.3264,
0.2661

 57.0984, 0.3264,
0.2661


413.8179, 0.3205,
0.2948

 41.0842, 0.3276,
0.2597


 100.6088, 0.3245,
0.2760

 28.3849, 0.3291,
0.2518


128.8737, 0.3237,
0.2798

 18.6160, 0.3308,
0.2419


161.9911, 0.3230,
0.2832

 11.3932, 0.3330,
0.2292

200.3453, 0.3224,
0.2861

 6.3319, 0.3355,
0.2123

244.3207, 0.3218,
0.2886

 3.0479, 0.3386,
0.1888


294.3017, 0.3214,

 1.1568, 0.3418,


0.2909

0.1544

350.6726, 0.3209,
0.2930

 0.0260, 0.3773,
0.0106


 0.0000, 0.0000,
0.0000


 57.0984, 0.3264,
0.2661


 57.0984, 0.3264,
0.2661


 48.0026, 0.3322,
0.2453


 68.0068, 0.3212,
0.2874


 40.6121, 0.3384,
0.2260

 80.8120, 0.3167,
0.3086

 34.8203, 0.3450,
0.2092

 95.6023, 0.3127,
0.3290

 30.5052, 0.3519,
0.1958

 99.0205, 0.3100,
0.3296

■ 27.5273, 0.3586,
0.1867

■ 99.0633, 0.3096,
0.3290

■ 25.7203, 0.3652,
0.1823

■ 24.8102, 0.3714,
0.1819

■ 24.8098, 0.3714,
0.1819

Harmonies

Analogous

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



57.0984, 0.2730, 0.2461



57.0984, 0.3264, 0.2661



57.0984, 0.3802, 0.2998

Triad

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



57.0984, 0.3264, 0.2661



57.0984, 0.3932, 0.4170



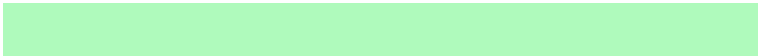
57.0984, 0.2196, 0.3026

Complementary

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



57.0984, 0.3264, 0.2661



81.1156, 0.3016, 0.4014

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.



57.0984, 0.2466, 0.3570



57.0984, 0.3264, 0.2661



57.0984, 0.3461, 0.4284

Square

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



57.0984, 0.3264, 0.2661



57.0984, 0.4197, 0.3835



57.0984, 0.2923, 0.4065



57.0984, 0.2154, 0.2628

Rectangle

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



57.0984, 0.3264, 0.2661



57.0984, 0.4069, 0.3270



57.0984, 0.2923, 0.4065



57.0984, 0.2261, 0.3198

Sweetspot

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



57.1009, 0.3264, 0.2661



85.9676, 0.3163, 0.3106



48.1949, 0.2683, 0.2430



17.9494, 0.3169, 0.3076



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.



57.1009, 0.3264, 0.2661



53.7618, 0.3298, 0.2534



55.1577, 0.3578, 0.3027



17.4698, 0.3165, 0.3096



13.1795, 0.3704, 0.1814



1.2338, 0.3634, 0.1776

Inverse Universe

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



57.1009, 0.3264, 0.2661



53.7618, 0.3298, 0.2534



82.9202, 0.2819, 0.3572



17.4698, 0.3165, 0.3096



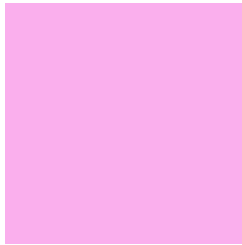
13.1795, 0.3704, 0.1814



1.2338, 0.3634, 0.1776

Previews

White Background



This preview shows how the Yxy color 57.0984, 0.3264, 0.2661 looks on a white background.

Color Contrast Check

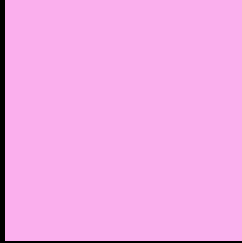
Large Text (above 18pt) WCAG AA × Fail

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 57.0984, 0.3264, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

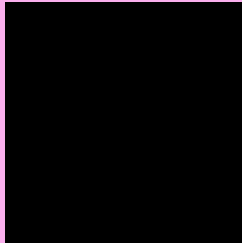
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0984, 0.3264, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 57.0984, 0.3264, 0.2661.



This preview shows how white text looks on a background with the Yxy color 57.0984, 0.3264, 0.2661.

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

57.0984, 0.3264, 0.2661

Protanopia

57.3999, 0.2684, 0.2666

Deuteranopia

57.4700, 0.2912, 0.2857



Tritanopia

57.3107, 0.3544, 0.3141

Trichromacy



Original Color

57.0984, 0.3264, 0.2661



Protanomaly

56.6659, 0.2868, 0.2652



Deuteranomaly

56.9670, 0.3033, 0.2785



Tritanomaly

57.1701, 0.3439, 0.2954

Monochromacy



Original Color

57.0984, 0.3264, 0.2661



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.4699, 0.3179, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0984, 0.3264, 0.2661 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(250, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 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(250, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.0984, 0.3264, 0.2661 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(250, 175, 237) }
```

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

```
.border{ border-color:rgb(250, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0984, 0.3264, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 237) }
```

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

```
.background{ background-color: rgb(250,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor