

Converting Colors

$Y_{xy}(57.1265, 0.3274, 0.2601)$

Have a look what the booklet for
Yxy(57.1265, 0.3274, 0.2601)
contains.

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Color

Yxy(57.1159, 0.3275, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	FFACF1
RGB	255, 172, 241
RGB Percent	100%, 67%, 95%
CMY	0.0001, 0.3254, 0.0549
CMYK	0.00, 0.33, 0.05, 0.00
HSL	310°, 100%, 84%
HSV	310°, 33%, 100%
XYZ	71.8611, 57.1159, 90.4463
YIQ	204.6830, 27.3190, 39.0550

Conversions

Conversions Part 2

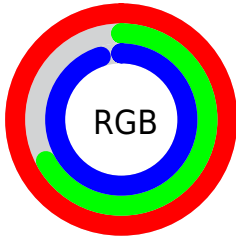
Format	Color
R_{YB}	255, 172, 241
Decimal	16755953
CIE _{Lab}	80.24, 40.65, -22.07
CIE _{LCh}	80, 46.256, 331.505
Yxy	57.1159, 0.3275, 0.2603
Android (android.graphics.Color)	4294946033 (0xFFFFACF1)
YUV	204.6830, 17.9043, 44.1280
Hunter-Lab	75.5751, 37.4718, -18.0542

Details

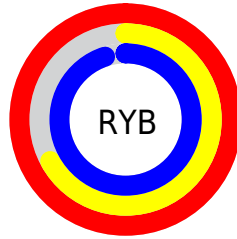
The Yxy color $57.1159, 0.3275, 0.2603$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.8229, 0.3009, 0.4092$, and the grayscale version is $60.7113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9668, 0.3139, 0.3029$, and $28.3300, 0.3300, 0.2443$ is the 20% darker color. If you saturate the color by 10%, you get $48.0711, 0.3333, 0.2397$, and if you desaturate by 10%, it is $68.0338, 0.3223, 0.2817$.

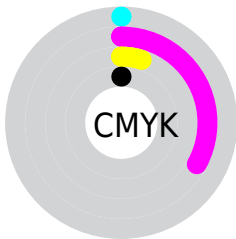
Distribution



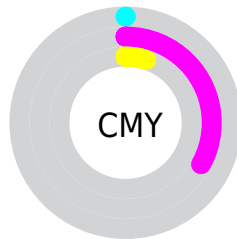
- Red (100%)
- Green (67%)
- Blue (95%)



- Red (100%)
- Yellow (67%)
- Blue (95%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1159, 0.3275, 0.2603 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 57.1159, 0.3275, 0.2603 by changing the saturation by 10% instead.


 57.1159, 0.3275,
0.2603

 57.1159, 0.3275,
0.2603

413.8835, 0.3212,
0.2914

 41.0983, 0.3288,
0.2534


 100.6343, 0.3254,
0.2710

 28.3959, 0.3303,
0.2449


128.9039, 0.3246,
0.2751

 18.6243, 0.3321,
0.2344

162.0262, 0.3239,
0.2788

 11.3991, 0.3342,
0.2209

200.3857, 0.3232,
0.2819

 6.3360, 0.3368,
0.2031

244.3668, 0.3227,
0.2847

 3.0504, 0.3397,
0.1786


294.3539, 0.3221,

 1.1581, 0.3424,


0.2872


0.1434


350.7313, 0.3217,
0.2894


 0.0271, 0.3725,
0.0098

 0.0000, 0.0000,
0.0000


 57.1159, 0.3275,
0.2603


 57.1159, 0.3275,
0.2603

 48.0711, 0.3333,
0.2397


 68.0338, 0.3223,
0.2817

 40.7847, 0.3395,
0.2208

 80.9154, 0.3177,
0.3031

 35.1417, 0.3460,
0.2047

 95.8547, 0.3136,
0.3239

 31.0100, 0.3526,
0.1923

99.9954, 0.3127,
0.3290

■ 28.2372, 0.3591,
0.1844

■ 26.6386, 0.3654,
0.1811

■ 26.0080, 0.3698,
0.1811

Harmonies

Analogous

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



57.1159, 0.2688, 0.2386



57.1159, 0.3275, 0.2603



57.1159, 0.3872, 0.2967

Triad

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



57.1159, 0.3275, 0.2603



57.1159, 0.4008, 0.4254



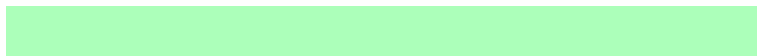
57.1159, 0.2108, 0.2993

Complementary

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



57.1159, 0.3275, 0.2603



83.8229, 0.3009, 0.4092

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.



57.1159, 0.2399, 0.3598



57.1159, 0.3275, 0.2603



57.1159, 0.3487, 0.4393

Square

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



57.1159, 0.3275, 0.2603



57.1159, 0.4305, 0.3877



57.1159, 0.2898, 0.4154



57.1159, 0.2064, 0.2559

Rectangle

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



57.1159, 0.3275, 0.2603



57.1159, 0.4168, 0.3262



57.1159, 0.2898, 0.4154



57.1159, 0.2178, 0.3183

Sweetspot

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



57.1185, 0.3275, 0.2603



84.5219, 0.3166, 0.3084



47.1512, 0.2637, 0.2345



17.6617, 0.3172, 0.3055



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.



57.1185, 0.3275, 0.2603



51.0729, 0.3312, 0.2468



54.9231, 0.3630, 0.3004



18.2447, 0.3164, 0.3095



13.6121, 0.3689, 0.1806



1.3387, 0.3625, 0.1770

Inverse Universe

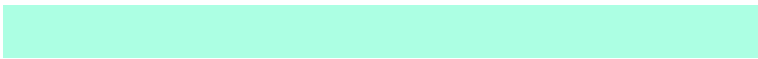
The Inverse Universe completely reimagines the original color for something new.



57.1185, 0.3275, 0.2603



51.0729, 0.3312, 0.2468



85.8413, 0.2796, 0.3599



18.2447, 0.3164, 0.3095



13.6121, 0.3689, 0.1806



1.3387, 0.3625, 0.1770

Previews

White Background



This preview shows how the Yxy color 57.1159, 0.3275, 0.2603 looks on a white background.

Color Contrast Check

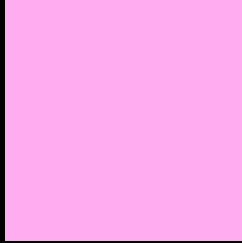
Large Text (above 18pt) WCAG AA × Fail

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 57.1159, 0.3275, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

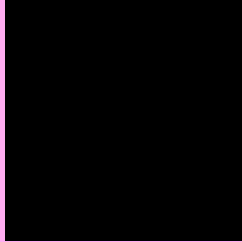
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1159, 0.3275, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 57.1159, 0.3275, 0.2603.



This preview shows how white text looks on a background with the Yxy color 57.1159, 0.3275, 0.2603.

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

57.1159, 0.3275, 0.2603

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.5621, 0.2879, 0.2814



Tritanopia

57.1276, 0.3600, 0.3143

Trichromacy



Original Color

57.1159, 0.3275, 0.2603



Protanomaly

56.5702, 0.2855, 0.2613



Deuteranomaly

57.0858, 0.3020, 0.2735



Tritanomaly

57.1035, 0.3476, 0.2937

Monochromacy



Original Color

57.1159, 0.3275, 0.2603



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 57.1159, 0.3275, 0.2603 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 241) }
```

Border

The CSS property to change the border of an element to Yxy 57.1159, 0.3275, 0.2603 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, 241) }
```

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

```
.border{ border-color:rgb(255, 172, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1159, 0.3275, 0.2603 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
172, 241) }
```

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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