

Converting Colors

Yxy(57.7104, 0.3185, 0.2498)

Have a look what the booklet for
Yxy(57.7104, 0.3185, 0.2498)
contains.

Yxy(57.7933, 0.3188, 0.2505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.7933, 0.3188, 0.2505)

Conversions

Conversions Part 1

Format	Color
Hex	FFACFC
RGB	255, 172, 252
RGB Percent	100%, 67%, 99%
CMY	0.0002, 0.3254, 0.0118
CMYK	0.00, 0.33, 0.01, 0.00
HSL	302°, 100%, 84%
HSV	302°, 33%, 100%
XYZ	73.5509, 57.7933, 99.3676
YIQ	205.9370, 23.7880, 42.4760

Conversions

Conversions Part 2

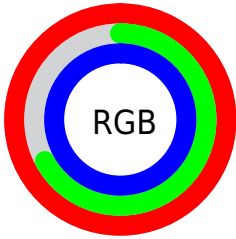
Format	Color
R _Y B	255, 172, 252
Decimal	16755964
CIE Lab	80.62, 42.56, -27.40
CIE LCh	81, 50.620, 327.225
Yxy	57.7933, 0.3188, 0.2505
Android (android.graphics.Color)	4294946044 (0xFFFFACFC)
YUV	205.9370, 22.7091, 43.0283
Hunter-Lab	76.0219, 39.6598, -24.2821

Details

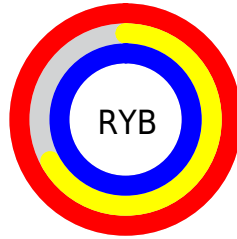
The Yxy color **57.7933, 0.3188, 0.2505** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.3634, 0.3066, 0.4225**, and the grayscale version is **61.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **28.7673, 0.3194, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **48.9446, 0.3208, 0.2275**, and if you desaturate by 10%, it is **68.5090, 0.3168, 0.2746**.

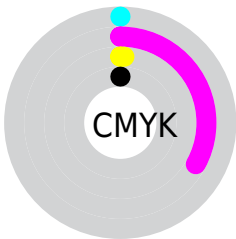
Distribution



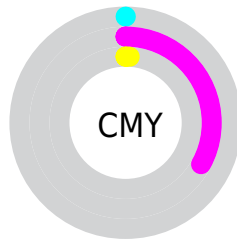
- Red (100%)
- Green (67%)
- Blue (99%)



- Red (100%)
- Yellow (67%)
- Blue (99%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7933, 0.3188, 0.2505 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 57.7933, 0.3188, 0.2505 by changing the saturation by 10% instead.


 57.7933, 0.3188,
0.2505

 57.7933, 0.3188,
0.2505

416.4153, 0.3169,
0.2856

 41.6425, 0.3190,
0.2428


 101.6218, 0.3183,
0.2624

 28.8215, 0.3192,
0.2334


130.0683, 0.3181,
0.2672

 18.9458, 0.3192,
0.2218


163.3821, 0.3179,
0.2713

 11.6311, 0.3190,
0.2072

201.9477, 0.3176,
0.2748

 6.4930, 0.3181,
0.1881

246.1494, 0.3174,
0.2780

 3.1471, 0.3160,
0.1625


296.3716, 0.3173,


 1.2090, 0.3106,


0.2808


0.1269


352.9988, 0.3171,
0.2834


 0.0691, 0.3147,
0.0192


 0.0000, 0.0625,
0.0000


 57.7933, 0.3188,
0.2505

 57.7933, 0.3188,
0.2505

 48.9446, 0.3208,
0.2275


 68.5090, 0.3168,
0.2746

 41.8486, 0.3229,
0.2067

 81.1824, 0.3149,
0.2991

 36.3900, 0.3248,
0.1891

 95.9074, 0.3131,
0.3231

 32.4369, 0.3265,
0.1753

99.9925, 0.3127,
0.3290

■ 29.8370, 0.3281,
0.1659

■ 28.4057, 0.3294,
0.1608

■ 27.8964, 0.3302,
0.1593

Harmonies

Analogous

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



57.7933, 0.2570, 0.2299



57.7933, 0.3188, 0.2505



57.7933, 0.3854, 0.2875

Triad

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



57.7933, 0.3188, 0.2505



57.7933, 0.4142, 0.4282



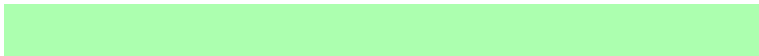
57.7933, 0.2054, 0.3046

Complementary

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



57.7933, 0.3188, 0.2505



83.3634, 0.3066, 0.4225

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.



57.7933, 0.2400, 0.3723



57.7933, 0.3188, 0.2505



57.7933, 0.3600, 0.4497

Square

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



57.7933, 0.3188, 0.2505



57.7933, 0.4426, 0.3846



57.7933, 0.2961, 0.4305



57.7933, 0.1972, 0.2545

Rectangle

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



57.7933, 0.3188, 0.2505



57.7933, 0.4206, 0.3183



57.7933, 0.2961, 0.4305



57.7933, 0.2141, 0.3261

Sweetspot

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



57.7959, 0.3188, 0.2505



84.7371, 0.3144, 0.3052



45.8229, 0.2560, 0.2326



17.7141, 0.3147, 0.3018



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.



57.7959, 0.3188, 0.2505



51.8791, 0.3201, 0.2354



55.4576, 0.3531, 0.2892



18.2885, 0.3144, 0.3064



14.5866, 0.3301, 0.1592



1.4236, 0.3290, 0.1586

Inverse Universe

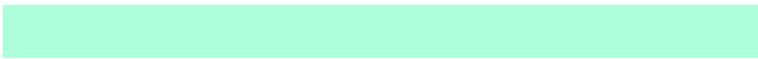
The Inverse Universe completely reimagines the original color for something new.



57.7959, 0.3188, 0.2505



51.8791, 0.3201, 0.2354



85.2397, 0.2852, 0.3729



18.2885, 0.3144, 0.3064



14.5866, 0.3301, 0.1592



1.4236, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 57.7933, 0.3188, 0.2505 looks on a white background.

Color Contrast Check

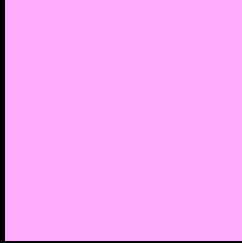
Large Text (above 18pt) WCAG AA × Fail

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 57.7933, 0.3188, 0.2505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

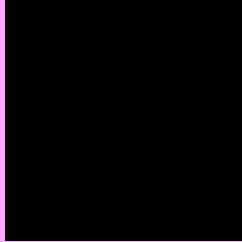
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7933, 0.3188, 0.2505

Background



This preview shows how black text looks on a background with the Yxy color 57.7933, 0.3188, 0.2505.



This preview shows how white text looks on a background with the Yxy color 57.7933, 0.3188, 0.2505.

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

57.7933, 0.3188, 0.2505

Protanopia

58.3811, 0.2662, 0.2658

Deuteranopia

57.9310, 0.2780, 0.2716



Tritanopia

57.8546, 0.3570, 0.3142

Trichromacy



Original Color

57.7933, 0.3188, 0.2505



Protanomaly

57.2526, 0.2830, 0.2586



Deuteranomaly

57.1319, 0.2913, 0.2622



Tritanomaly

57.7592, 0.3432, 0.2897

Monochromacy



Original Color

57.7933, 0.3188, 0.2505



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.7586, 0.3150, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7933, 0.3188, 0.2505 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 252) }
```

Border

The CSS property to change the border of an element to Yxy 57.7933, 0.3188, 0.2505 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, 252) }
```

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

```
.border{ border-color:rgb(255, 172, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7933, 0.3188, 0.2505 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
172, 252) }
```

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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