

Converting Colors

Yxy(59.0936, 0.3097, 0.2529)

Have a look what the booklet for
Yxy(59.0936, 0.3097, 0.2529)
contains.

Yxy(59.2344, 0.3100, 0.2532)	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(59.2344, 0.3100, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	F7B3FF
RGB	247, 179, 255
RGB Percent	97%, 70%, 100%
CMY	0.0314, 0.2980, 0.0001
CMYK	0.03, 0.30, 0.00, 0.00
HSL	294°, 100%, 85%
HSV	294°, 30%, 100%
XYZ	72.5224, 59.2344, 102.1864
YIQ	207.9960, 16.1320, 38.0520

Conversions

Conversions Part 2

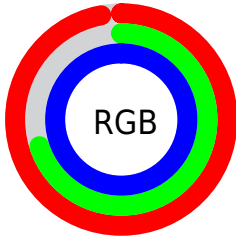
Format	Color
R _Y B	247, 179, 255
Decimal	16233471
CIE Lab	81.42, 36.98, -27.85
CIE LCh	81, 46.291, 323.018
Yxy	59.2344, 0.3100, 0.2532
Android (android.graphics.Color)	4294423551 (0xFFFF7B3FF)
YUV	207.9960, 23.1730, 34.2065
Hunter-Lab	76.9639, 33.5121, -24.8457

Details

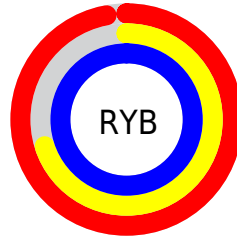
The Yxy color $59.2344, 0.3100, 0.2532$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.3131, 0.3134, 0.4153$, and the grayscale version is $62.9144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $29.6916, 0.3087, 0.2365$ is the 20% darker color. If you saturate the color by 10%, you get $49.4610, 0.3085, 0.2279$, and if you desaturate by 10%, it is $70.9093, 0.3112, 0.2791$.

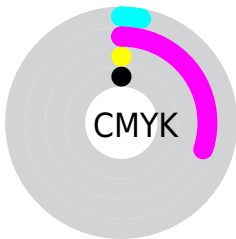
Distribution



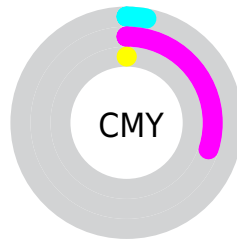
- Red (97%)
- Green (70%)
- Blue (100%)



- Red (97%)
- Yellow (70%)
- Blue (100%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2344, 0.3100, 0.2532 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 59.2344, 0.3100, 0.2532 by changing the saturation by 10% instead.

 59.2344, 0.3100,
0.2532

 59.2344, 0.3100,
0.2532


421.7700, 0.3122,
0.2872

 42.8018, 0.3093,
0.2457

 103.7183, 0.3109,
0.2647

 29.7297, 0.3083,
0.2367


132.5384, 0.3112,
0.2693

 19.6335, 0.3070,
0.2255

166.2564, 0.3115,
0.2733

 12.1289, 0.3049,
0.2113

205.2568, 0.3117,
0.2767

 6.8315, 0.3017,
0.1927

249.9240, 0.3118,
0.2798

 3.3570, 0.2962,
0.1678


300.6423, 0.3120,

 1.3208, 0.2860,


0.2825


0.1330


357.7962, 0.3121,
0.2850


 0.1572, 0.2768,
0.0407

 0.0000, 0.0000,
0.0000

 59.2344, 0.3100,
0.2532


 59.2344, 0.3100,
0.2532

 49.4610, 0.3085,
0.2279


 70.9093, 0.3112,
0.2791

 41.4771, 0.3067,
0.2043

 84.5742, 0.3121,
0.3047

 35.1709, 0.3045,
0.1833

99.9976, 0.3127,
0.3290

 30.4147, 0.3021,
0.1659

■ 27.0624, 0.2996,
0.1528

■ 24.9403, 0.2969,
0.1442

■ 23.7703, 0.2942,
0.1395

■ 23.7494, 0.2941,
0.1394

Harmonies

Analogous

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



59.2344, 0.2554, 0.2367



59.2344, 0.3100, 0.2532



59.2344, 0.3708, 0.2857

Triad

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



59.2344, 0.3100, 0.2532



59.2344, 0.4110, 0.4155



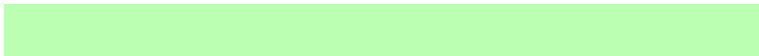
59.2344, 0.2175, 0.3155

Complementary

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



59.2344, 0.3100, 0.2532



85.3131, 0.3134, 0.4153

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.



59.2344, 0.2529, 0.3767



59.2344, 0.3100, 0.2532



59.2344, 0.3644, 0.4376

Square

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



59.2344, 0.3100, 0.2532



59.2344, 0.4318, 0.3747



59.2344, 0.3064, 0.4250



59.2344, 0.2062, 0.2666

Rectangle

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



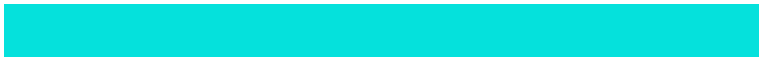
59.2344, 0.3100, 0.2532



59.2344, 0.4047, 0.3136



59.2344, 0.3064, 0.4250



59.2344, 0.2268, 0.3355

Sweetspot

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



59.2370, 0.3100, 0.2532



85.7679, 0.3122, 0.3067



52.7152, 0.2610, 0.2520



17.8998, 0.3120, 0.3031



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.



59.2370, 0.3100, 0.2532



52.9655, 0.3091, 0.2374



58.9809, 0.3391, 0.2815



18.1979, 0.3121, 0.3055



12.4528, 0.2946, 0.1396



1.2391, 0.2978, 0.1414

Inverse Universe

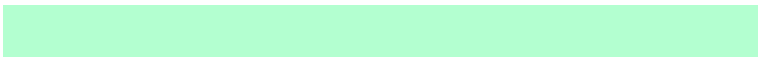
The Inverse Universe completely reimagines the original color for something new.



57.0850, 0.3727, 0.3208



50.5358, 0.3908, 0.3191



85.6417, 0.2932, 0.3820



18.0180, 0.3278, 0.3265



11.1595, 0.6281, 0.3234



1.0963, 0.6061, 0.3113

Previews

White Background



This preview shows how the Yxy color 59.2344, 0.3100, 0.2532 looks on a white background.

Color Contrast Check

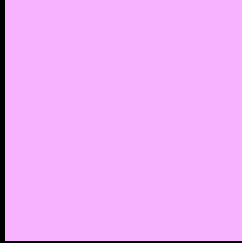
Large Text (above 18pt) WCAG AA × Fail

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 59.2344, 0.3100, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

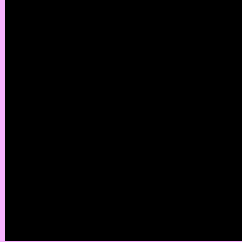
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2344, 0.3100, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 59.2344, 0.3100, 0.2532.

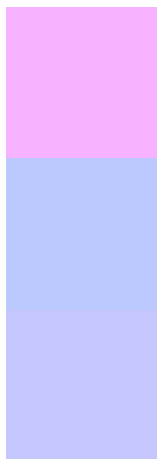


This preview shows how white text looks on a background with the Yxy color 59.2344, 0.3100, 0.2532.

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

59.2344, 0.3100, 0.2532

Protanopia

59.6847, 0.2684, 0.2684

Deuteranopia

59.2235, 0.2764, 0.2700



Tritanopia

59.2801, 0.3433, 0.3129

Trichromacy



Original Color

59.2344, 0.3100, 0.2532



Protanomaly

58.9152, 0.2819, 0.2619



Deuteranomaly

58.7370, 0.2880, 0.2634



Tritanomaly

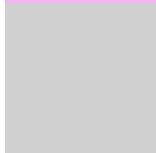
59.0803, 0.3309, 0.2891

Monochromacy



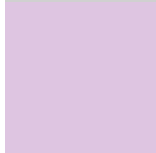
Original Color

59.2344, 0.3100, 0.2532



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

60.8983, 0.3118, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2344, 0.3100, 0.2532 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(247, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 255)  
}
```

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(247, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2344, 0.3100, 0.2532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

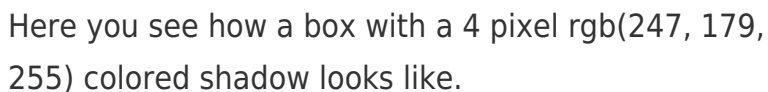
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 179, 255) }
```

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

```
.border{ border-color:rgb(247, 179, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2344, 0.3100, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 255) }
```

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

```
.background{ background-color: rgb(247,  
179, 255) }
```

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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