

Converting Colors

$Y_{xy}(59.7946, 0.2995, 0.2581)$

Have a look what the booklet for
Yxy(59.7946, 0.2995, 0.2581)
contains.

Yxy(59.6614, 0.2992, 0.2579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6614, 0.2992, 0.2579)

Conversions

Conversions Part 1

Format	Color
Hex	E9BAFF
RGB	233, 186, 255
RGB Percent	91%, 73%, 100%
CMY	0.0862, 0.2706, 0.0001
CMYK	0.09, 0.27, 0.00, 0.00
HSL	281°, 100%, 86%
HSV	281°, 27%, 100%
XYZ	69.2156, 59.6614, 102.4584
YIQ	207.9190, 5.8630, 31.4230

Conversions

Conversions Part 2

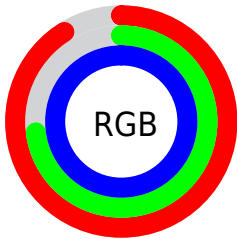
Format	Color
R _Y B	233, 186, 255
Decimal	15317759
CIE Lab	81.65, 28.92, -27.62
CIE LCh	82, 39.988, 316.318
Yxy	59.6614, 0.2992, 0.2579
Android (android.graphics.Color)	4293507839 (0xFFE9BAFF)
YUV	207.9190, 23.2109, 21.9960
Hunter-Lab	77.2408, 24.7826, -24.5785

Details

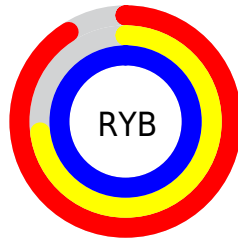
The Yxy color **59.6614, 0.2992, 0.2579** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.4568, 0.3226, 0.4041**, and the grayscale version is **62.8677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **29.9269, 0.2955, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **48.5271, 0.2926, 0.2300**, and if you desaturate by 10%, it is **72.7803, 0.3049, 0.2853**.

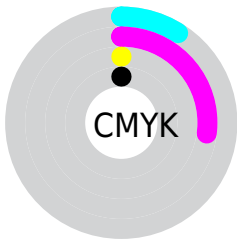
Distribution



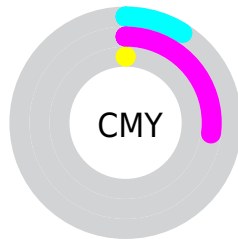
- Red (91%)
- Green (73%)
- Blue (100%)



- Red (91%)
- Yellow (73%)
- Blue (100%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6614, 0.2992, 0.2579 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 59.6614, 0.2992, 0.2579 by changing the saturation by 10% instead.


 59.6614, 0.2992,
0.2579

 59.6614, 0.2992,
0.2579


423.3486, 0.3063,
0.2900

 43.1458, 0.2974,
0.2508


 104.3383, 0.3018,
0.2689

 29.9995, 0.2951,
0.2421


133.2684, 0.3028,
0.2732

 19.8382, 0.2920,
0.2314


167.1055, 0.3036,
0.2769

 12.2775, 0.2878,
0.2177

206.2338, 0.3043,
0.2802

 6.9330, 0.2817,
0.1997

251.0379, 0.3049,
0.2831

 3.4202, 0.2723,
0.1752

301.9022, 0.3054,

 1.3548, 0.2564,

0.2856

0.1406

359.2109, 0.3059,
0.2879

0.1831, 0.2363,
0.0491

0.0000, 0.0000,
0.0000

59.6614, 0.2992,
0.2579

59.6614, 0.2992,
0.2579

48.5271, 0.2926,
0.2300

72.7803, 0.3049,
0.2853

39.2672, 0.2852,
0.2026

87.9716, 0.3098,
0.3115

31.7719, 0.2771,
0.1769

99.9988, 0.3127,
0.3290

25.9167, 0.2685,
0.1540

■ 21.5604, 0.2597,
0.1351

■ 18.5374, 0.2510,
0.1211

■ 16.6361, 0.2428,
0.1119

■ 16.1962, 0.2404,
0.1098

Harmonies

Analogous

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



59.6614, 0.2543, 0.2472



59.6614, 0.2992, 0.2579



59.6614, 0.3518, 0.2840

Triad

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



59.6614, 0.2992, 0.2579



59.6614, 0.4045, 0.3982



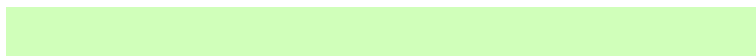
59.6614, 0.2351, 0.3295

Complementary

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



59.6614, 0.2992, 0.2579



88.4568, 0.3226, 0.4041

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.



59.6614, 0.2707, 0.3808



59.6614, 0.2992, 0.2579



59.6614, 0.3686, 0.4206

Square

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



59.6614, 0.2992, 0.2579



59.6614, 0.4154, 0.3612



59.6614, 0.3194, 0.4160



59.6614, 0.2198, 0.2835

Rectangle

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



59.6614, 0.2992, 0.2579



59.6614, 0.3832, 0.3075



59.6614, 0.3194, 0.4160



59.6614, 0.2449, 0.3469

Sweetspot

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



59.6639, 0.2992, 0.2579



86.4570, 0.3094, 0.3091



63.2556, 0.2680, 0.2775



17.9935, 0.3087, 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.



59.6639, 0.2992, 0.2579



53.9229, 0.2960, 0.2441



62.8744, 0.3245, 0.2719



17.9935, 0.3087, 0.3052



8.5478, 0.2417, 0.1105



0.8909, 0.2509, 0.1156

Inverse Universe

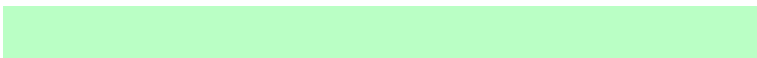
The Inverse Universe completely reimagines the original color for something new.



60.9261, 0.3530, 0.3065



55.4417, 0.3630, 0.3021



86.0009, 0.3029, 0.3938



18.0824, 0.3244, 0.3215



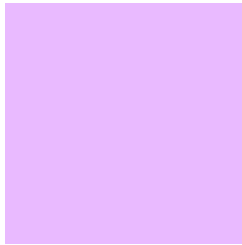
11.4444, 0.5703, 0.2915



1.1332, 0.5383, 0.2739

Previews

White Background



This preview shows how the Yxy color 59.6614, 0.2992, 0.2579 looks on a white background.

Color Contrast Check

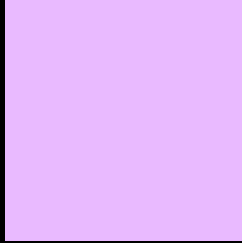
Large Text (above 18pt) WCAG AA × Fail

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 59.6614, 0.2992, 0.2579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

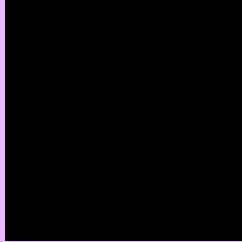
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6614, 0.2992, 0.2579

Background



This preview shows how black text looks on a background with the Yxy color 59.6614, 0.2992, 0.2579.

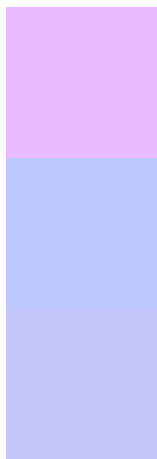


This preview shows how white text looks on a background with the Yxy color 59.6614, 0.2992, 0.2579.

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

59.6614, 0.2992, 0.2579

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

59.8809, 0.2766, 0.2702



Tritanopia

59.8521, 0.3263, 0.3124

Trichromacy



Original Color

59.6614, 0.2992, 0.2579



Protanomaly

59.6790, 0.2793, 0.2647



Deuteranomaly

59.5243, 0.2846, 0.2652



Tritanomaly

59.8483, 0.3168, 0.2922

Monochromacy



Original Color

59.6614, 0.2992, 0.2579



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.4965, 0.3079, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6614, 0.2992, 0.2579 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(233, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 186, 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(233, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.6614, 0.2992, 0.2579 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(233, 186, 255) }
```

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

```
.border{ border-color:rgb(233, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6614, 0.2992, 0.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 186, 255) }
```

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

```
.background{ background-color: rgb(233,  
186, 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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