

Converting Colors

$Yxy(57.2464, 0.2773, 0.2257)$

Have a look what the booklet for
Yxy(57.2464, 0.2773, 0.2257)
contains.

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Color

Yxy(55.3917, 0.2945, 0.2485)

Conversions

Conversions Part 1

Format	Color
Hex	E3B2FF
RGB	227, 178, 255
RGB Percent	89%, 70%, 100%
CMY	0.1099, 0.3019, 0.0000
CMYK	0.11, 0.30, 0.00, 0.00
HSL	278°, 100%, 85%
HSV	278°, 30%, 100%
XYZ	65.6453, 55.3917, 101.8672
YIQ	201.4290, 4.4870, 34.3350

Conversions

Conversions Part 2

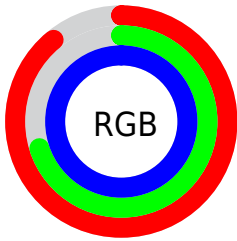
Format	Color
R _Y B	227, 178, 255
Decimal	14922495
CIE Lab	79.27, 31.34, -31.36
CIE LCh	79, 44.332, 314.983
Yxy	55.3917, 0.2945, 0.2485
Android (android.graphics.Color)	4293112575 (0xFFE3B2FF)
YUV	201.4290, 26.4105, 22.4258
Hunter-Lab	74.4256, 27.1968, -29.0530

Details

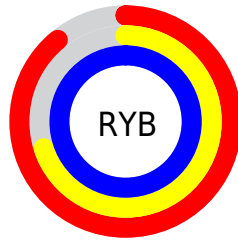
The Yxy color **55.3917, 0.2945, 0.2485** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.8631, 0.3259, 0.4134**, and the grayscale version is **58.5177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **27.4024, 0.2893, 0.2310** is the 20% darker color. If you saturate the color by 10%, you get **44.7002, 0.2865, 0.2201**, and if you desaturate by 10%, it is **68.0510, 0.3015, 0.2765**.

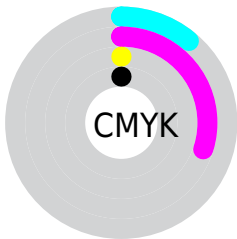
Distribution



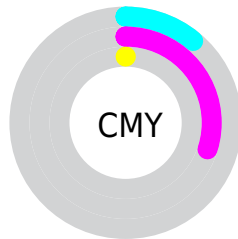
- Red (89%)
- Green (70%)
- Blue (100%)



- Red (89%)
- Yellow (70%)
- Blue (100%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3917, 0.2945, 0.2485 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 55.3917, 0.2945, 0.2485 by changing the saturation by 10% instead.


 55.3917, 0.2945,
0.2485

 55.3917, 0.2945,
0.2485


407.3950, 0.3040,
0.2850

 39.7154, 0.2921,
0.2404


 98.1146, 0.2980,
0.2610

 27.3167, 0.2890,
0.2305


125.9300, 0.2993,
0.2659

 17.8112, 0.2848,
0.2183


158.5606, 0.3004,
0.2701

 10.8146, 0.2791,
0.2027

196.3908, 0.3014,
0.2739

 5.9423, 0.2709,
0.1823

239.8049, 0.3022,
0.2771

 2.8100, 0.2582,
0.1548

289.1874, 0.3029,

 1.0334, 0.2369,

0.2800

0.1167

344.9226, 0.3035,
0.2827

0.0000, 0.2085,
0.0000

0.0000, 0.0000,
0.0000

55.3917, 0.2945,
0.2485

55.3917, 0.2945,
0.2485

44.7002, 0.2865,
0.2201

68.0510, 0.3015,
0.2765

35.8700, 0.2777,
0.1924

82.7754, 0.3076,
0.3034

28.7851, 0.2681,
0.1665

99.6563, 0.3126,
0.3285

23.3159, 0.2581,
0.1439

100.0000, 0.3127,
0.3290

■ 19.3141, 0.2481,
0.1256

■ 16.6030, 0.2385,
0.1123

■ 14.9173, 0.2296,
0.1038

Harmonies

Analogous

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



55.3917, 0.2450, 0.2373



55.3917, 0.2945, 0.2485



55.3917, 0.3542, 0.2767

Triad

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



55.3917, 0.2945, 0.2485



55.3917, 0.4176, 0.4045



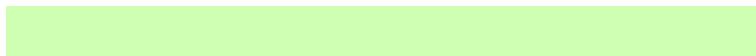
55.3917, 0.2265, 0.3316

Complementary

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



55.3917, 0.2945, 0.2485



87.8631, 0.3259, 0.4134

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.



55.3917, 0.2669, 0.3908



55.3917, 0.2945, 0.2485



55.3917, 0.3775, 0.4323

Square

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



55.3917, 0.2945, 0.2485



55.3917, 0.4291, 0.3620



55.3917, 0.3221, 0.4300



55.3917, 0.2088, 0.2787

Rectangle

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



55.3917, 0.2945, 0.2485



55.3917, 0.3907, 0.3025



55.3917, 0.3221, 0.4300



55.3917, 0.2377, 0.3518

Sweetspot

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



55.3918, 0.2945, 0.2485



84.6708, 0.3082, 0.3065



60.9457, 0.2628, 0.2736



17.6283, 0.3074, 0.3027



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.



55.3918, 0.2945, 0.2485



48.9480, 0.2900, 0.2320



59.6825, 0.3241, 0.2628



17.9504, 0.3079, 0.3052



7.8821, 0.2310, 0.1046



0.8293, 0.2412, 0.1103

Inverse Universe

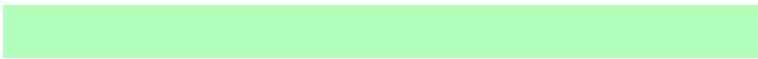
The Inverse Universe completely reimagines the original color for something new.



57.5645, 0.3561, 0.3001



51.5395, 0.3678, 0.2943



84.6294, 0.3031, 0.4057



18.0964, 0.3237, 0.3204



11.5464, 0.5528, 0.2819



1.1443, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 55.3917, 0.2945, 0.2485 looks on a white background.

Color Contrast Check

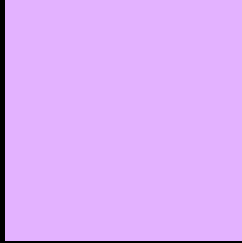
Large Text (above 18pt) WCAG AA × Fail

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 55.3917, 0.2945, 0.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

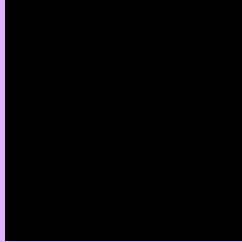
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3917, 0.2945, 0.2485

Background



This preview shows how black text looks on a background with the Yxy color 55.3917, 0.2945, 0.2485.

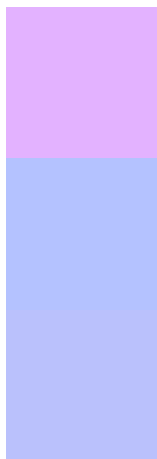


This preview shows how white text looks on a background with the Yxy color 55.3917, 0.2945, 0.2485.

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

55.3917, 0.2945, 0.2485

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.6073, 0.2679, 0.2619



Tritanopia

55.3383, 0.3267, 0.3119

Trichromacy



Original Color

55.3917, 0.2945, 0.2485



Protanomaly

55.0568, 0.2731, 0.2546



Deuteranomaly

55.4758, 0.2772, 0.2571

Tritanomaly

55.0845, 0.3147, 0.2868

Monochromacy



Original Color

55.3917, 0.2945, 0.2485



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.0620, 0.3056, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3917, 0.2945, 0.2485 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(227, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 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(227, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.3917, 0.2945, 0.2485 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(227, 178, 255) }
```

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

```
.border{ border-color:rgb(227, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 178, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 178, 255); box-shadow:4px 4px 4px 4px rgb(227, 178, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3917, 0.2945, 0.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 255) }
```

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

```
.background{ background-color: rgb(227,  
178, 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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