

Converting Colors

Yxy(54.7488, 0.2915, 0.2478)

Have a look what the booklet for
Yxy(54.7488, 0.2915, 0.2478)
contains.

Yxy(54.7488, 0.2915, 0.2478)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7488, 0.2915, 0.2478)

Conversions

Conversions Part 1

Format	Color
Hex	DFB2FF
RGB	223, 178, 255
RGB Percent	87%, 70%, 100%
CMY	0.1255, 0.3020, 0.0000
CMYK	0.13, 0.30, 0.00, 0.00
HSL	275°, 100%, 85%
HSV	275°, 30%, 100%
XYZ	64.4039, 54.7488, 101.7868
YIQ	200.2330, 2.1030, 33.4870

Conversions

Conversions Part 2

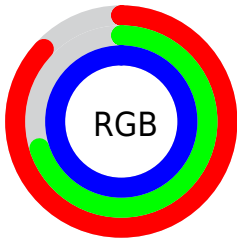
Format	Color
R _Y B	223, 178, 255
Decimal	14660351
CIE Lab	78.90, 30.13, -31.94
CIE LCh	79, 43.910, 313.326
Yxy	54.7488, 0.2915, 0.2478
Android (android.graphics.Color)	4292850431 (0xFFDFB2FF)
YUV	200.2330, 27.0001, 19.9667
Hunter-Lab	73.9924, 25.8817, -29.7669

Details

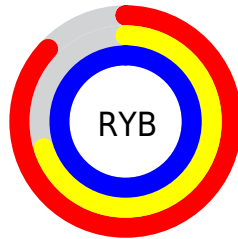
The Yxy color **54.7488, 0.2915, 0.2478** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.4353, 0.3284, 0.4127**, and the grayscale version is **57.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **26.9599, 0.2853, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **43.8980, 0.2823, 0.2188**, and if you desaturate by 10%, it is **67.5944, 0.2996, 0.2762**.

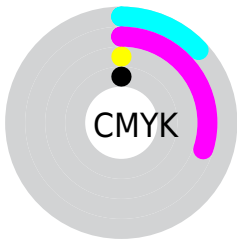
Distribution



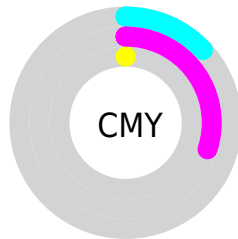
- Red (87%)
- Green (70%)
- Blue (100%)



- Red (87%)
- Yellow (70%)
- Blue (100%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7488, 0.2915, 0.2478 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 54.7488, 0.2915, 0.2478 by changing the saturation by 10% instead.


 54.7488, 0.2915,
0.2478

 54.7488, 0.2915,
0.2478


404.9590, 0.3025,
0.2847

 39.2006, 0.2887,
0.2396


 97.1728, 0.2955,
0.2604

 26.9158, 0.2852,
0.2296

124.8175, 0.2970,
0.2654

 17.5100, 0.2805,
0.2172


157.2630, 0.2983,
0.2697

 10.5988, 0.2742,
0.2013


194.8940, 0.2994,
0.2735

 5.7977, 0.2650,
0.1806

238.0946, 0.3003,
0.2768

 2.7225, 0.2509,
0.1527

287.2494, 0.3011,

 0.9886, 0.2276,

0.2797

0.1140

342.7428, 0.3018,
0.2823

0.0000, 0.1921,
0.0000

0.0000, 0.0000,
0.0000

54.7488, 0.2915,
0.2478

54.7488, 0.2915,
0.2478

43.8980, 0.2823,
0.2188

67.5944, 0.2996,
0.2762

34.9302, 0.2721,
0.1903

82.5280, 0.3067,
0.3033

27.7302, 0.2611,
0.1635

99.6432, 0.3126,
0.3285

22.1677, 0.2498,
0.1398

100.0000, 0.3127,
0.3290

■ 18.0938, 0.2385,
0.1205

■ 15.3309, 0.2277,
0.1065

■ 13.6140, 0.2180,
0.0975

Harmonies

Analogous

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



54.7488, 0.2431, 0.2377



54.7488, 0.2915, 0.2478



54.7488, 0.3507, 0.2751

Triad

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



54.7488, 0.2915, 0.2478



54.7488, 0.4185, 0.4020



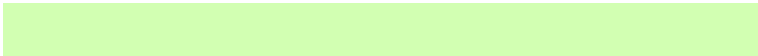
54.7488, 0.2286, 0.3349

Complementary

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



54.7488, 0.2915, 0.2478



88.4353, 0.3284, 0.4127

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.



54.7488, 0.2700, 0.3933



54.7488, 0.2915, 0.2478



54.7488, 0.3799, 0.4309

Square

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



54.7488, 0.2915, 0.2478



54.7488, 0.4281, 0.3594



54.7488, 0.3252, 0.4305



54.7488, 0.2096, 0.2815

Rectangle

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



54.7488, 0.2915, 0.2478



54.7488, 0.3875, 0.3004



54.7488, 0.3252, 0.4305



54.7488, 0.2401, 0.3550

Sweetspot

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



54.7506, 0.2915, 0.2478



84.4575, 0.3074, 0.3064



62.8200, 0.2633, 0.2781



17.5756, 0.3065, 0.3026



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.



54.7506, 0.2915, 0.2478



48.2153, 0.2863, 0.2310



59.9150, 0.3211, 0.2593



17.9023, 0.3071, 0.3051



7.2033, 0.2196, 0.0983



0.7655, 0.2307, 0.1045

Inverse Universe

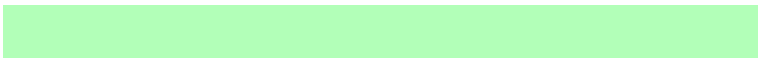
The Inverse Universe completely reimagines the original color for something new.



57.7543, 0.3527, 0.2961



51.7587, 0.3634, 0.2896



84.4634, 0.3052, 0.4103



18.1123, 0.3229, 0.3192



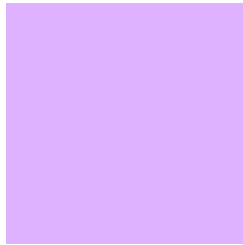
11.6801, 0.5320, 0.2705



1.1584, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 54.7488, 0.2915, 0.2478 looks on a white background.

Color Contrast Check

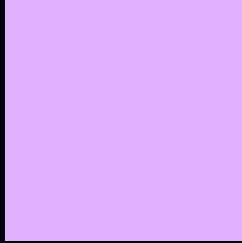
Large Text (above 18pt) WCAG AA × Fail

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 54.7488, 0.2915, 0.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

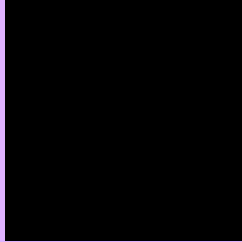
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7488, 0.2915, 0.2478

Background



This preview shows how black text looks on a background with the Yxy color 54.7488, 0.2915, 0.2478.



This preview shows how white text looks on a background with the Yxy color 54.7488, 0.2915, 0.2478.

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

54.7488, 0.2915, 0.2478

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.9179, 0.2665, 0.2605



Tritanopia

54.7253, 0.3234, 0.3117

Trichromacy



Original Color

54.7488, 0.2915, 0.2478



Protanomaly

54.6558, 0.2710, 0.2542



Deuteranomaly

54.6383, 0.2750, 0.2556

Tritanomaly

54.4603, 0.3115, 0.2863

Monochromacy



Original Color

54.7488, 0.2915, 0.2478



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2765, 0.3048, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7488, 0.2915, 0.2478 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(223, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7488, 0.2915, 0.2478 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(223, 178, 255) }
```

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

```
.border{ border-color:rgb(223, 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(223, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7488, 0.2915, 0.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 178, 255) }
```

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

```
.background{ background-color: rgb(223,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor