

Converting Colors

Yxy(54.3552, 0.2864, 0.2484)

Have a look what the booklet for
Yxy(54.3552, 0.2864, 0.2484)
contains.

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Color

Yxy(54.4614, 0.2863, 0.2487)

Conversions

Conversions Part 1

Format	Color
Hex	D8B4FF
RGB	216, 180, 255
RGB Percent	85%, 71%, 100%
CMY	0.1529, 0.2941, 0.0000
CMYK	0.15, 0.29, 0.00, 0.00
HSL	269°, 100%, 85%
HSV	269°, 29%, 100%
XYZ	62.6952, 54.4614, 101.8277
YIQ	199.3140, -2.6190, 30.9570

Conversions

Conversions Part 2

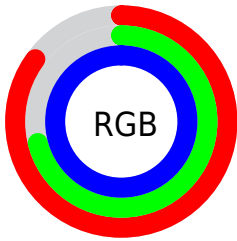
Format	Color
R _Y B	216, 180, 255
Decimal	14202111
CIE Lab	78.73, 26.93, -32.26
CIE LCh	79, 42.018, 309.856
Yxy	54.4614, 0.2863, 0.2487
Android (android.graphics.Color)	4292392191 (0xFFD8B4FF)
YUV	199.3140, 27.4532, 14.6336
Hunter-Lab	73.7980, 22.4986, -30.1508

Details

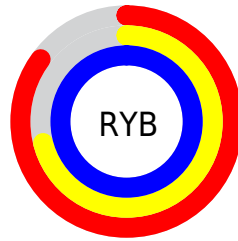
The Yxy color **54.4614, 0.2863, 0.2487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89.8720, 0.3331, 0.4090**, and the grayscale version is **57.1466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **26.7295, 0.2785, 0.2306** is the 20% darker color. If you saturate the color by 10%, you get **43.1588, 0.2747, 0.2185**, and if you desaturate by 10%, it is **67.8232, 0.2966, 0.2778**.

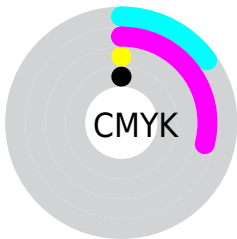
Distribution



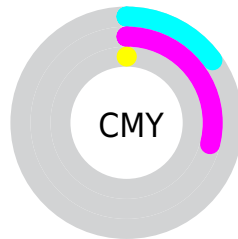
- Red (85%)
- Green (71%)
- Blue (100%)



- Red (85%)
- Yellow (71%)
- Blue (100%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4614, 0.2863, 0.2487 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 54.4614, 0.2863, 0.2487 by changing the saturation by 10% instead.

 54.4614, 0.2863,
0.2487

 54.4614, 0.2863,
0.2487


403.8670, 0.2997,
0.2853

 38.9707, 0.2830,
0.2405


 96.7514, 0.2911,
0.2613

 26.7369, 0.2788,
0.2305


124.3194, 0.2930,
0.2662

 17.3757, 0.2733,
0.2181


156.6820, 0.2945,
0.2705

 10.5027, 0.2658,
0.2022

194.2235, 0.2958,
0.2742

 5.7335, 0.2552,
0.1814

237.3284, 0.2970,
0.2775

 2.6837, 0.2392,
0.1532

286.3810, 0.2980,

 0.9689, 0.2130,

0.2804

0.1140

341.7658, 0.2989,
0.2830

0.0000, 0.1672,
0.0000

0.0000, 0.0000,
0.0000

54.4614, 0.2863,
0.2487

54.4614, 0.2863,
0.2487

43.1588, 0.2747,
0.2185

67.8232, 0.2966,
0.2778

33.8037, 0.2620,
0.1884

83.3400, 0.3055,
0.3052

26.2796, 0.2484,
0.1595

100.0000, 0.3127,
0.3290

20.4551, 0.2345,
0.1337

■ 16.1808, 0.2210,
0.1123

■ 13.2795, 0.2084,
0.0965

■ 11.4813, 0.1972,
0.0862

■ 11.3915, 0.1966,
0.0857

Harmonies

Analogous

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



54.4614, 0.2416, 0.2412



54.4614, 0.2863, 0.2487



54.4614, 0.3426, 0.2734

Triad

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



54.4614, 0.2863, 0.2487



54.4614, 0.4170, 0.3952



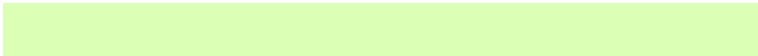
54.4614, 0.2355, 0.3414

Complementary

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



54.4614, 0.2863, 0.2487



89.8720, 0.3331, 0.4090

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.



54.4614, 0.2775, 0.3960



54.4614, 0.2863, 0.2487



54.4614, 0.3828, 0.4248

Square

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



54.4614, 0.2863, 0.2487



54.4614, 0.4222, 0.3536



54.4614, 0.3314, 0.4278



54.4614, 0.2144, 0.2887

Rectangle

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



54.4614, 0.2863, 0.2487



54.4614, 0.3788, 0.2971



54.4614, 0.3314, 0.4278



54.4614, 0.2475, 0.3606

Sweetspot

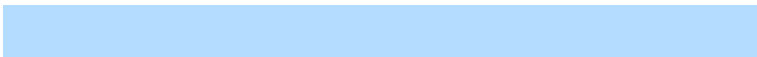
The Sweet Spot groups the original color and five complimentary colors.



54.4626, 0.2863, 0.2487



84.0288, 0.3059, 0.3063



68.1084, 0.2658, 0.2898



17.4700, 0.3046, 0.3025



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.



54.4626, 0.2863, 0.2487



47.9005, 0.2800, 0.2319



60.6500, 0.3142, 0.2551



17.8057, 0.3054, 0.3050



6.0401, 0.1983, 0.0866



0.6527, 0.2107, 0.0934

Inverse Universe

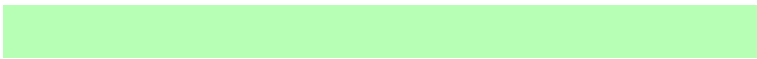
The Inverse Universe completely reimagines the original color for something new.



59.0145, 0.3447, 0.2892



53.2020, 0.3530, 0.2814



84.8208, 0.3102, 0.4149



18.1448, 0.3212, 0.3167



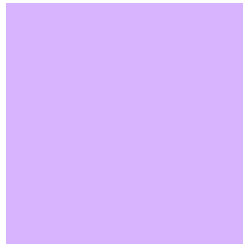
12.0174, 0.4880, 0.2462



1.1922, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 54.4614, 0.2863, 0.2487 looks on a white background.

Color Contrast Check

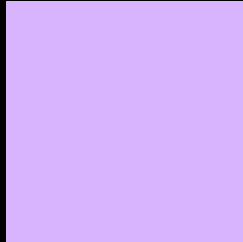
Large Text (above 18pt) WCAG AA × Fail

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 54.4614, 0.2863, 0.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

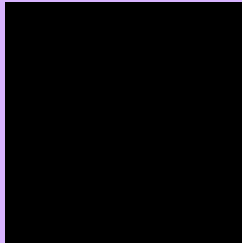
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4614, 0.2863, 0.2487

Background



This preview shows how black text looks on a background with the Yxy color 54.4614, 0.2863, 0.2487.



This preview shows how white text looks on a background with the Yxy color 54.4614, 0.2863, 0.2487.

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

54.4614, 0.2863, 0.2487

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.8584, 0.2653, 0.2593



Tritanopia

54.6446, 0.3160, 0.3114

Trichromacy



Original Color

54.4614, 0.2863, 0.2487



Protanomaly

54.3929, 0.2697, 0.2539



Deuteranomaly

54.7243, 0.2723, 0.2553

Tritanomaly

54.2944, 0.3051, 0.2868

Monochromacy



Original Color

54.4614, 0.2863, 0.2487



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7929, 0.3032, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4614, 0.2863, 0.2487 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(216, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 180, 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(216, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4614, 0.2863, 0.2487 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(216, 180, 255) }
```

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

```
.border{ border-color:rgb(216, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4614, 0.2863, 0.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 180, 255) }
```

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

```
.background{ background-color: rgb(216,  
180, 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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