

Converting Colors

Yxy(53.1608, 0.2861, 0.2452)

Have a look what the booklet for
Yxy(53.1608, 0.2861, 0.2452)
contains.

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Color

Yxy(53.2632, 0.2862, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	D8B1FF
RGB	216, 177, 255
RGB Percent	85%, 69%, 100%
CMY	0.1529, 0.3059, 0.0001
CMYK	0.15, 0.31, 0.00, 0.00
HSL	270°, 100%, 85%
HSV	270°, 31%, 100%
XYZ	62.0934, 53.2632, 101.6015
YIQ	197.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

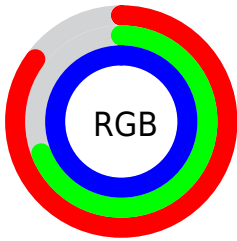
Format	Color
R _Y B	216, 177, 255
Decimal	14201343
CIE Lab	78.03, 28.55, -33.32
CIE LCh	78, 43.875, 310.591
Yxy	53.2632, 0.2862, 0.2455
Android (android.graphics.Color)	4292391423 (0xFFD8B1FF)
YUV	197.5530, 28.3214, 16.1780
Hunter-Lab	72.9816, 24.1514, -31.4535

Details

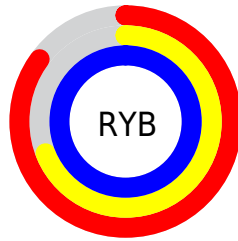
The Yxy color **53.2632, 0.2862, 0.2455** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **89.2768, 0.3329, 0.4127**, and the grayscale version is **56.0150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **25.9661, 0.2783, 0.2265** is the 20% darker color. If you saturate the color by 10%, you get **42.2502, 0.2749, 0.2155**, and if you desaturate by 10%, it is **66.3128, 0.2962, 0.2746**.

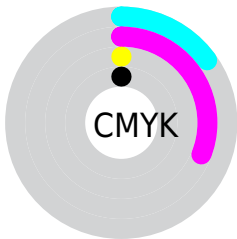
Distribution



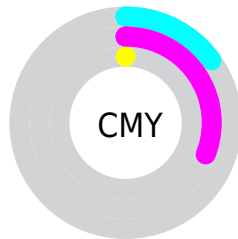
- Red (85%)
- Green (69%)
- Blue (100%)



- Red (85%)
- Yellow (69%)
- Blue (100%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2632, 0.2862, 0.2455 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 53.2632, 0.2862, 0.2455 by changing the saturation by 10% instead.


 53.2632, 0.2862,
0.2455

 53.2632, 0.2862,
0.2455


399.2941, 0.2997,
0.2836

 38.0129, 0.2828,
0.2370


 94.9916, 0.2911,
0.2586

 25.9927, 0.2785,
0.2266


122.2384, 0.2930,
0.2637

 16.8182, 0.2729,
0.2137


154.2529, 0.2945,
0.2681

 10.1050, 0.2652,
0.1973

191.4195, 0.2959,
0.2720

 5.4686, 0.2543,
0.1757

234.1225, 0.2970,
0.2754

 2.5247, 0.2377,
0.1467

282.7463, 0.2980,

 0.8890, 0.2106,

0.2785

0.1068

337.6754, 0.2989,
0.2812

0.0000, 0.1591,
0.0000

0.0000, 0.0000,
0.0000

53.2632, 0.2862,
0.2455

53.2632, 0.2862,
0.2455

42.2502, 0.2749,
0.2155

66.3128, 0.2962,
0.2746

33.1588, 0.2625,
0.1857

81.4926, 0.3049,
0.3021

25.8724, 0.2494,
0.1575

98.8982, 0.3123,
0.3276

20.2585, 0.2360,
0.1324

99.9990, 0.3127,
0.3290

■ 16.1655, 0.2229,
0.1120

■ 13.4125, 0.2107,
0.0971

■ 11.7769, 0.2005,
0.0878

Harmonies

Analogous

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



53.2632, 0.2391, 0.2371



53.2632, 0.2862, 0.2455



53.2632, 0.3455, 0.2716

Triad

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



53.2632, 0.2862, 0.2455



53.2632, 0.4216, 0.3990



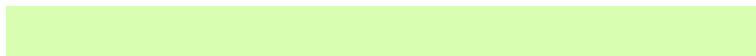
53.2632, 0.2309, 0.3404

Complementary

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



53.2632, 0.2862, 0.2455



89.2768, 0.3329, 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.



53.2632, 0.2743, 0.3986



53.2632, 0.2862, 0.2455



53.2632, 0.3848, 0.4300

Square

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



53.2632, 0.2862, 0.2455



53.2632, 0.4281, 0.3554



53.2632, 0.3306, 0.4330



53.2632, 0.2096, 0.2852

Rectangle

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



53.2632, 0.2862, 0.2455



53.2632, 0.3835, 0.2964



53.2632, 0.3306, 0.4330



53.2632, 0.2432, 0.3608

Sweetspot

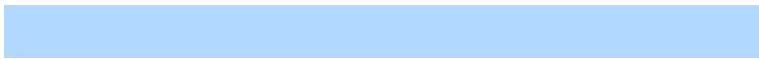
The Sweet Spot groups the original color and five complimentary colors.



53.2654, 0.2862, 0.2455



84.1113, 0.3062, 0.3063



65.6734, 0.2635, 0.2849



17.4903, 0.3050, 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.



53.2654, 0.2862, 0.2455



45.9777, 0.2791, 0.2263



59.9199, 0.3163, 0.2527



17.8243, 0.3058, 0.3050



6.2433, 0.2022, 0.0887



0.6728, 0.2144, 0.0955

Inverse Universe

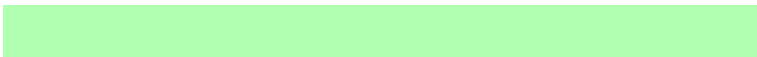
The Inverse Universe completely reimagines the original color for something new.



57.6567, 0.3477, 0.2891



51.1711, 0.3579, 0.2805



84.0310, 0.3085, 0.4193



18.1385, 0.3215, 0.3172



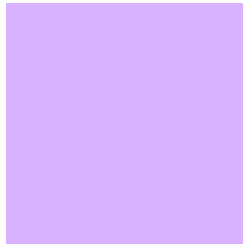
11.9450, 0.4966, 0.2509



1.1851, 0.4712, 0.2369

Previews

White Background



This preview shows how the Yxy color 53.2632, 0.2862, 0.2455 looks on a white background.

Color Contrast Check

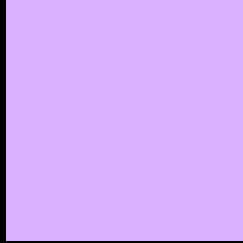
Large Text (above 18pt) WCAG AA × Fail

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 53.2632, 0.2862, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

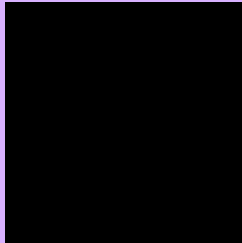
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2632, 0.2862, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 53.2632, 0.2862, 0.2455.

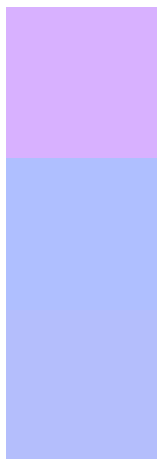


This preview shows how white text looks on a background with the Yxy color 53.2632, 0.2862, 0.2455.

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

53.2632, 0.2862, 0.2455

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.5585, 0.2636, 0.2576



Tritanopia

53.0703, 0.3177, 0.3113

Trichromacy



Original Color

53.2632, 0.2862, 0.2455

Protanomaly

53.2850, 0.2681, 0.2513

Deuteranomaly

53.1272, 0.2713, 0.2525

Tritanomaly

52.7891, 0.3058, 0.2854

Monochromacy



Original Color

53.2632, 0.2862, 0.2455

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

54.9205, 0.3032, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2632, 0.2862, 0.2455 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 177, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.2632, 0.2862, 0.2455 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, 177, 255) }
```

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

```
.border{ border-color:rgb(216, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 177,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2632, 0.2862, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 177, 255) }
```

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

```
.background{ background-color: rgb(216,  
177, 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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