

Converting Colors

Yxy(52.4495, 0.2863, 0.2432)

Have a look what the booklet for
Yxy(52.4495, 0.2863, 0.2432)
contains.

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Color

Yxy(52.4789, 0.2861, 0.2433)

Conversions

Conversions Part 1

Format	Color
Hex	D8AFFF
RGB	216, 175, 255
RGB Percent	85%, 69%, 100%
CMY	0.1528, 0.3138, 0.0000
CMYK	0.15, 0.31, 0.00, 0.00
HSL	271°, 100%, 84%
HSV	271°, 31%, 100%
XYZ	61.7107, 52.4789, 101.5067
YIQ	196.3790, -1.2440, 33.5720

Conversions

Conversions Part 2

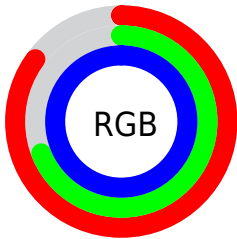
Format	Color
R _Y B	216, 175, 255
Decimal	14200831
CIE Lab	77.57, 29.65, -34.06
CIE LCh	78, 45.157, 311.046
Yxy	52.4789, 0.2861, 0.2433
Android (android.graphics.Color)	4292390911 (0xFFD8AFFF)
YUV	196.3790, 28.9002, 17.2076
Hunter-Lab	72.4423, 25.2829, -32.3679

Details

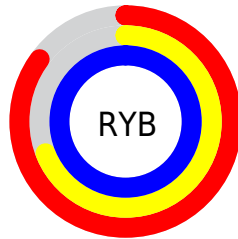
The Yxy color **52.4789, 0.2861, 0.2433** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.9023, 0.3327, 0.4153**, and the grayscale version is **55.2665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.4699, 0.2781, 0.2238** is the 20% darker color. If you saturate the color by 10%, you get **41.6532, 0.2750, 0.2134**, and if you desaturate by 10%, it is **65.3224, 0.2960, 0.2725**.

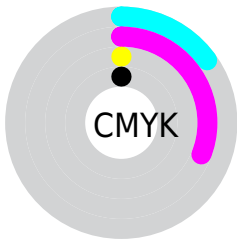
Distribution



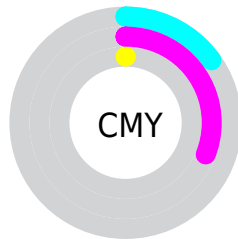
- Red (85%)
- Green (69%)
- Blue (100%)



- 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 52.4789, 0.2861, 0.2433 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 52.4789, 0.2861, 0.2433 by changing the saturation by 10% instead.

 52.4789, 0.2861,
0.2433

 52.4789, 0.2861,
0.2433

396.2827, 0.2998,
0.2824

 37.3869, 0.2827,
0.2346


 93.8371, 0.2911,
0.2567

 25.5072, 0.2783,
0.2239


120.8722, 0.2929,
0.2620

 16.4554, 0.2726,
0.2107


152.6571, 0.2945,
0.2665

 9.8469, 0.2648,
0.1939

189.5762, 0.2959,
0.2705

 5.2976, 0.2536,
0.1719

232.0139, 0.2970,
0.2740

 2.4229, 0.2366,
0.1423

280.3546, 0.2981,

 0.8376, 0.2089,

0.2771

0.1018

334.9827, 0.2990,
0.2799

0.0000, 0.1535,
0.0000

0.0000, 0.0000,
0.0000

52.4789, 0.2861,
0.2433

52.4789, 0.2861,
0.2433

41.6532, 0.2750,
0.2134

65.3224, 0.2960,
0.2725

32.7351, 0.2629,
0.1839

80.2830, 0.3045,
0.3000

25.6055, 0.2500,
0.1561

97.4547, 0.3118,
0.3256

20.1310, 0.2369,
0.1316

100.0000, 0.3127,
0.3290

■ 16.1583, 0.2241,
0.1118

■ 13.5039, 0.2123,
0.0974

■ 12.0326, 0.2030,
0.0892

Harmonies

Analogous

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



52.4789, 0.2373, 0.2343



52.4789, 0.2861, 0.2433



52.4789, 0.3475, 0.2703

Triad

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



52.4789, 0.2861, 0.2433



52.4789, 0.4248, 0.4015



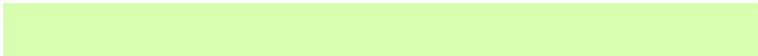
52.4789, 0.2277, 0.3397

Complementary

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



52.4789, 0.2861, 0.2433



88.9023, 0.3327, 0.4153

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.



52.4789, 0.2720, 0.4004



52.4789, 0.2861, 0.2433



52.4789, 0.3862, 0.4337

Square

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



52.4789, 0.2861, 0.2433



52.4789, 0.4323, 0.3566



52.4789, 0.3300, 0.4366



52.4789, 0.2063, 0.2828

Rectangle

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



52.4789, 0.2861, 0.2433



52.4789, 0.3867, 0.2959



52.4789, 0.3300, 0.4366



52.4789, 0.2402, 0.3608

Sweetspot

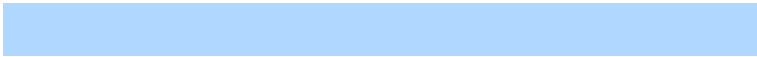
The Sweet Spot groups the original color and five complimentary colors.



52.4793, 0.2861, 0.2433



84.1633, 0.3063, 0.3063



64.9293, 0.2622, 0.2836



17.5031, 0.3052, 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.



52.4793, 0.2861, 0.2433



45.0916, 0.2789, 0.2236



59.1342, 0.3164, 0.2507



17.8360, 0.3060, 0.3050



6.3766, 0.2047, 0.0901



0.6859, 0.2168, 0.0968

Inverse Universe

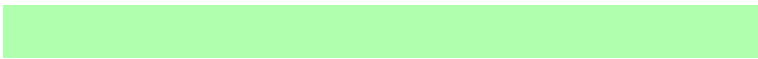
The Inverse Universe completely reimagines the original color for something new.



56.7663, 0.3498, 0.2891



50.1692, 0.3607, 0.2804



83.7268, 0.3084, 0.4220



18.1345, 0.3217, 0.3175



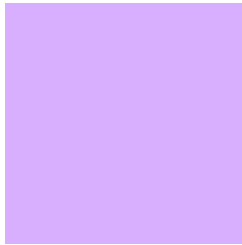
11.9012, 0.5020, 0.2539



1.1808, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 52.4789, 0.2861, 0.2433 looks on a white background.

Color Contrast Check

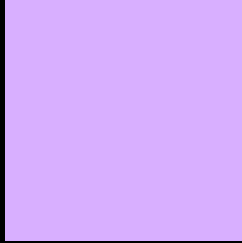
Large Text (above 18pt) WCAG AA × Fail

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 52.4789, 0.2861, 0.2433 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 52.4789, 0.2861, 0.2433

Background



This preview shows how black text looks on a background with the Yxy color 52.4789, 0.2861, 0.2433.

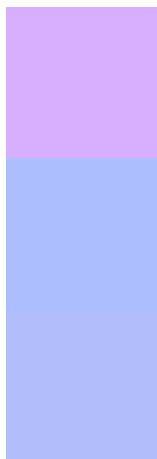


This preview shows how white text looks on a background with the Yxy color 52.4789, 0.2861, 0.2433.

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

52.4789, 0.2861, 0.2433

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.8884, 0.2622, 0.2562



Tritanopia

52.5533, 0.3193, 0.3124

Trichromacy



Original Color

52.4789, 0.2861, 0.2433



Protanomaly

52.7367, 0.2673, 0.2500



Deuteranomaly

52.5793, 0.2705, 0.2512

Tritanomaly

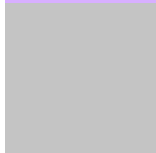
52.3248, 0.3066, 0.2853

Monochromacy



Original Color

52.4789, 0.2861, 0.2433



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.6727, 0.3031, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4789, 0.2861, 0.2433 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.4789, 0.2861, 0.2433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

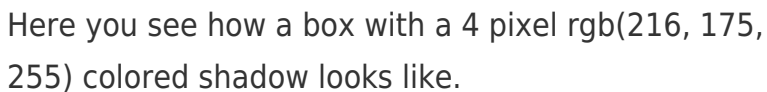
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 175, 255) }
```

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

```
.border{ border-color:rgb(216, 175, 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, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 175, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 175, 255); box-shadow:4px 4px 4px 4px rgb(216, 175, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4789, 0.2861, 0.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 255) }
```

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

```
.background{ background-color: rgb(216,  
175, 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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