

Converting Colors

Yxy(59.1885, 0.2414, 0.1841)

Have a look what the booklet for
Yxy(59.1885, 0.2414, 0.1841)
contains.

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Color

Yxy(52.8696, 0.2861, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	D8B0FF
RGB	216, 176, 255
RGB Percent	85%, 69%, 100%
CMY	0.1530, 0.3098, 0.0000
CMYK	0.15, 0.31, 0.00, 0.00
HSL	270°, 100%, 85%
HSV	270°, 31%, 100%
XYZ	61.8903, 52.8696, 101.5641
YIQ	196.9660, -1.5190, 33.0490

Conversions

Conversions Part 2

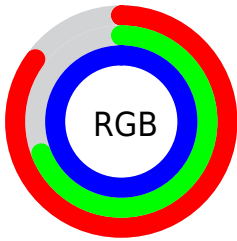
Format	Color
R _Y B	216, 176, 255
Decimal	14201087
CIE Lab	77.80, 29.07, -33.69
CIE LCh	78, 44.504, 310.791
Yxy	52.8696, 0.2861, 0.2444
Android (android.graphics.Color)	4292391167 (0xFFD8B0FF)
YUV	196.9660, 28.6108, 16.6928
Hunter-Lab	72.7115, 24.6899, -31.9188

Details

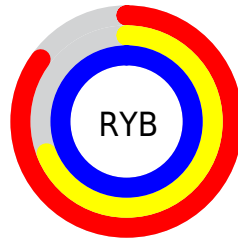
The Yxy color **52.8696, 0.2861, 0.2444** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **89.1078, 0.3328, 0.4140**, and the grayscale version is **55.6373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **25.7167, 0.2782, 0.2252** is the 20% darker color. If you saturate the color by 10%, you get **41.9460, 0.2749, 0.2145**, and if you desaturate by 10%, it is **65.8206, 0.2961, 0.2736**.

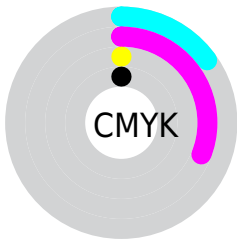
Distribution



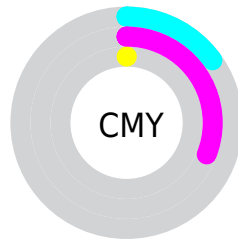
- Red (85%)
- Green (69%)
- Blue (100%)



- 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 52.8696, 0.2861, 0.2444 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 52.8696, 0.2861, 0.2444 by changing the saturation by 10% instead.


 52.8696, 0.2861,
0.2444

 52.8696, 0.2861,
0.2444


397.7846, 0.2997,
0.2830

 37.6987, 0.2827,
0.2358


 94.4125, 0.2911,
0.2576

 25.7489, 0.2784,
0.2253


121.5532, 0.2929,
0.2628

 16.6359, 0.2727,
0.2122

153.4526, 0.2945,
0.2673

 9.9752, 0.2649,
0.1956

190.4952, 0.2958,
0.2713

 5.3825, 0.2539,
0.1738

233.0653, 0.2970,
0.2747

 2.4734, 0.2371,
0.1445

281.5473, 0.2980,

 0.8633, 0.2096,

0.2778

0.1043

336.3256, 0.2989,
0.2805

0.0000, 0.1561,
0.0000

0.0000, 0.0000,
0.0000

52.8696, 0.2861,
0.2444

52.8696, 0.2861,
0.2444

41.9460, 0.2749,
0.2145

65.8206, 0.2961,
0.2736

32.9380, 0.2626,
0.1848

80.8961, 0.3047,
0.3011

25.7273, 0.2496,
0.1568

98.1907, 0.3121,
0.3266

20.1810, 0.2363,
0.1320

100.0000, 0.3127,
0.3290

■ 16.1466, 0.2234,
0.1118

■ 13.4421, 0.2113,
0.0972

■ 11.8882, 0.2016,
0.0884

Harmonies

Analogous

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



52.8696, 0.2382, 0.2357



52.8696, 0.2861, 0.2444



52.8696, 0.3465, 0.2709

Triad

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



52.8696, 0.2861, 0.2444



52.8696, 0.4232, 0.4002



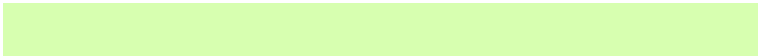
52.8696, 0.2293, 0.3401

Complementary

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



52.8696, 0.2861, 0.2444



89.1078, 0.3328, 0.4140

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.



52.8696, 0.2732, 0.3995



52.8696, 0.2861, 0.2444



52.8696, 0.3856, 0.4318

Square

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



52.8696, 0.2861, 0.2444



52.8696, 0.4302, 0.3560



52.8696, 0.3303, 0.4348



52.8696, 0.2080, 0.2841

Rectangle

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



52.8696, 0.2861, 0.2444



52.8696, 0.3850, 0.2962



52.8696, 0.3303, 0.4348



52.8696, 0.2417, 0.3609

Sweetspot

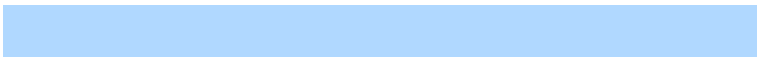
The Sweet Spot groups the original color and five complimentary colors.



52.8707, 0.2861, 0.2444



84.1339, 0.3062, 0.3063



65.3106, 0.2629, 0.2843



17.4959, 0.3051, 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.



52.8707, 0.2861, 0.2444



46.0534, 0.2795, 0.2264



59.5355, 0.3163, 0.2517



17.8294, 0.3058, 0.3050



6.3008, 0.2033, 0.0893



0.6785, 0.2154, 0.0960

Inverse Universe

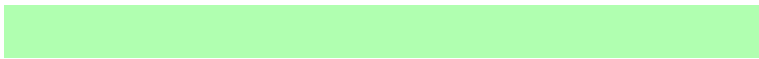
The Inverse Universe completely reimagines the original color for something new.



57.2238, 0.3487, 0.2890



51.1455, 0.3583, 0.2810



83.8866, 0.3084, 0.4206



18.1367, 0.3216, 0.3173



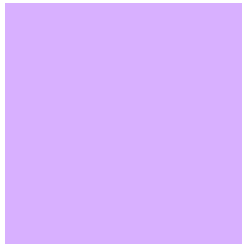
11.9258, 0.4990, 0.2522



1.1832, 0.4732, 0.2380

Previews

White Background



This preview shows how the Yxy color 52.8696, 0.2861, 0.2444 looks on a white background.

Color Contrast Check

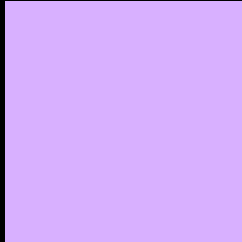
Large Text (above 18pt) WCAG AA × Fail

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 52.8696, 0.2861, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

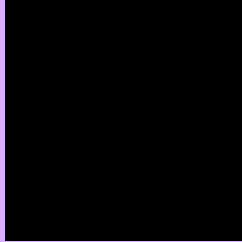
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8696, 0.2861, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 52.8696, 0.2861, 0.2444.

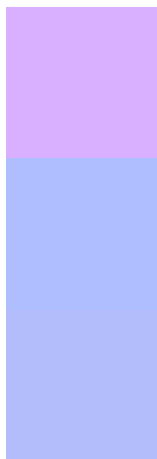


This preview shows how white text looks on a background with the Yxy color 52.8696, 0.2861, 0.2444.

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

52.8696, 0.2861, 0.2444

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

53.0072, 0.2628, 0.2563



Tritanopia

53.0231, 0.3185, 0.3124

Trichromacy



Original Color

52.8696, 0.2861, 0.2444



Protanomaly

52.7367, 0.2673, 0.2500



Deuteranomaly

52.5793, 0.2705, 0.2512

Tritanomaly

52.7891, 0.3058, 0.2854

Monochromacy



Original Color

52.8696, 0.2861, 0.2444



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.2945, 0.3031, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8696, 0.2861, 0.2444 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.8696, 0.2861, 0.2444 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, 176, 255) }
```

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

```
.border{ border-color:rgb(216, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 176, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 176, 255); box-shadow:4px 4px 4px 4px rgb(216, 176, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8696, 0.2861, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 176, 255) }
```

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

```
.background{ background-color: rgb(216,  
176, 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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