

Converting Colors

Yxy(52.4563, 0.2792, 0.2455)

Have a look what the booklet for
Yxy(52.4563, 0.2792, 0.2455)
contains.

Yxy(52.5820, 0.2788, 0.2459)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5820, 0.2788, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	CEB3FF
RGB	206, 179, 255
RGB Percent	81%, 70%, 100%
CMY	0.1923, 0.2980, 0.0000
CMYK	0.19, 0.30, 0.00, 0.00
HSL	261°, 100%, 85%
HSV	261°, 30%, 100%
XYZ	59.6172, 52.5820, 101.6357
YIQ	195.7370, -8.3040, 29.3600

Conversions

Conversions Part 2

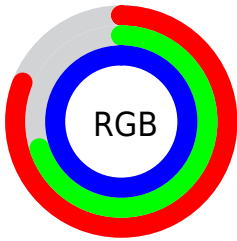
Format	Color
R _Y B	206, 179, 255
Decimal	13546495
CIE Lab	77.63, 24.44, -34.03
CIE LCh	78, 41.898, 305.679
Yxy	52.5820, 0.2788, 0.2459
Android (android.graphics.Color)	4291736575 (0xFFCEB3FF)
YUV	195.7370, 29.2167, 9.0007
Hunter-Lab	72.5134, 19.8558, -32.3422

Details

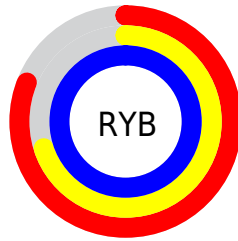
The Yxy color **52.5820, 0.2788, 0.2459** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91.2794, 0.3397, 0.4085**, and the grayscale version is **54.8591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.5782, 0.2698, 0.2268** is the 20% darker color. If you saturate the color by 10%, you get **41.0545, 0.2643, 0.2143**, and if you desaturate by 10%, it is **66.2471, 0.2918, 0.2761**.

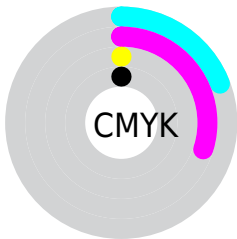
Distribution



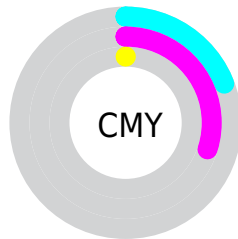
- Red (81%)
- Green (70%)
- Blue (100%)



- Red (81%)
- Yellow (70%)
- Blue (100%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5820, 0.2788, 0.2459 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 52.5820, 0.2788, 0.2459 by changing the saturation by 10% instead.


 52.5820, 0.2788,
0.2459

 52.5820, 0.2788,
0.2459


396.6794, 0.2958,
0.2841

 37.4692, 0.2746,
0.2373


 93.9890, 0.2849,
0.2590

 25.5710, 0.2694,
0.2269


121.0520, 0.2872,
0.2642

 16.5030, 0.2625,
0.2138


152.8671, 0.2892,
0.2686

 9.8808, 0.2533,
0.1971

189.8189, 0.2909,
0.2725

 5.3200, 0.2403,
0.1752

232.2915, 0.2924,
0.2759

 2.4362, 0.2208,
0.1456

280.6696, 0.2936,

 0.8444, 0.1899,

0.2789

0.1047

335.3374, 0.2948,
0.2816

0.0000, 0.1181,
0.0000

0.0000, 0.0000,
0.0000

52.5820, 0.2788,
0.2459

52.5820, 0.2788,
0.2459

41.0545, 0.2643,
0.2143

66.2471, 0.2918,
0.2761

31.5512, 0.2486,
0.1824

82.1520, 0.3031,
0.3040

23.9504, 0.2322,
0.1517

100.0000, 0.3127,
0.3290

18.1159, 0.2159,
0.1240

■ 13.8928, 0.2005,
0.1012

■ 11.0977, 0.1870,
0.0847

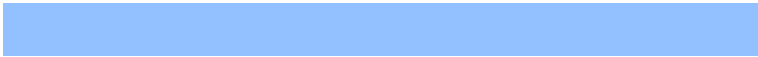
■ 9.4422, 0.1759,
0.0743

■ 9.4141, 0.1757,
0.0741

Harmonies

Analogous

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



52.5820, 0.2362, 0.2410



52.5820, 0.2788, 0.2459



52.5820, 0.3348, 0.2686

Triad

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



52.5820, 0.2788, 0.2459



52.5820, 0.4206, 0.3903



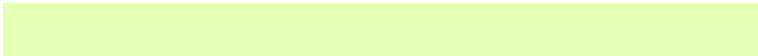
52.5820, 0.2396, 0.3496

Complementary

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



52.5820, 0.2788, 0.2459



91.2794, 0.3397, 0.4085

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.



52.5820, 0.2843, 0.4030



52.5820, 0.2788, 0.2459



52.5820, 0.3895, 0.4227

Square

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



52.5820, 0.2788, 0.2459



52.5820, 0.4212, 0.3476



52.5820, 0.3392, 0.4304



52.5820, 0.2151, 0.2948

Rectangle

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



52.5820, 0.2788, 0.2459



52.5820, 0.3722, 0.2914



52.5820, 0.3392, 0.4304



52.5820, 0.2526, 0.3689

Sweetspot

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



52.5825, 0.2788, 0.2459



83.5193, 0.3040, 0.3062



72.5162, 0.2663, 0.2994



17.3448, 0.3024, 0.3023



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.



52.5825, 0.2788, 0.2459



45.1872, 0.2700, 0.2264



58.6291, 0.3073, 0.2526



17.6910, 0.3034, 0.3048



4.9945, 0.1773, 0.0750



0.5448, 0.1896, 0.0818

Inverse Universe

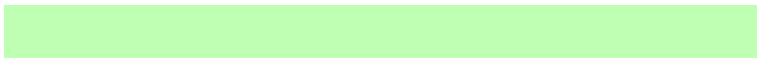
The Inverse Universe completely reimagines the original color for something new.



59.1119, 0.3373, 0.2794



52.8238, 0.3441, 0.2688



85.7760, 0.3155, 0.4148



18.1846, 0.3193, 0.3138



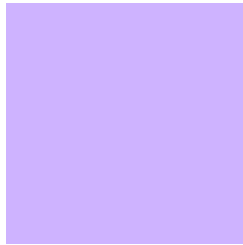
12.5500, 0.4360, 0.2176



1.2428, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 52.5820, 0.2788, 0.2459 looks on a white background.

Color Contrast Check

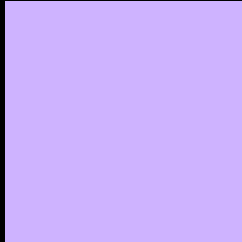
Large Text (above 18pt) WCAG AA × Fail

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 52.5820, 0.2788, 0.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

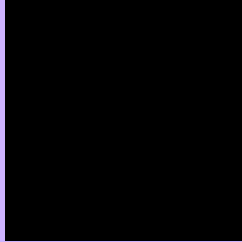
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5820, 0.2788, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 52.5820, 0.2788, 0.2459.



This preview shows how white text looks on a background with the Yxy color 52.5820, 0.2788, 0.2459.

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

52.5820, 0.2788, 0.2459

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.8342, 0.2609, 0.2550



Tritanopia

52.6251, 0.3079, 0.3109

Trichromacy



Original Color

52.5820, 0.2788, 0.2459

Protanomaly

52.6521, 0.2647, 0.2506

Deuteranomaly

52.5450, 0.2672, 0.2508

Tritanomaly

52.3050, 0.2964, 0.2845

Monochromacy



Original Color

52.5820, 0.2788, 0.2459

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1160, 0.3007, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5820, 0.2788, 0.2459 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(206, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 179, 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(206, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.5820, 0.2788, 0.2459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

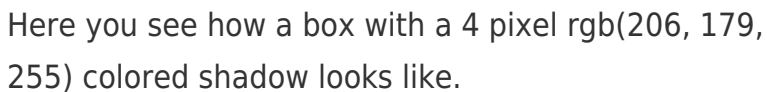
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 179, 255) }
```

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

```
.border{ border-color:rgb(206, 179, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5820, 0.2788, 0.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 179, 255) }
```

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

```
.background{ background-color: rgb(206,  
179, 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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