

Converting Colors

$Yxy(60.6086, 0.2985, 0.2924)$

Have a look what the booklet for
Yxy(60.6086, 0.2985, 0.2924)
contains.

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Color

Yxy(60.5219, 0.2986, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	D3C7E8
RGB	211, 199, 232
RGB Percent	83%, 78%, 91%
CMY	0.1726, 0.2196, 0.0902
CMYK	0.09, 0.14, 0.00, 0.09
HSL	262°, 42%, 85%
HSV	262°, 14%, 91%
XYZ	61.8475, 60.5219, 84.7555
YIQ	206.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

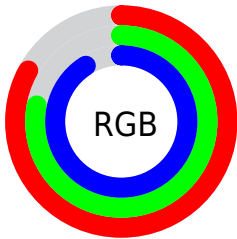
Format	Color
R _{YB}	211, 199, 232
Decimal	13879272
CIE Lab	82.12, 10.34, -14.80
CIE LCh	82, 18.058, 304.934
Yxy	60.5219, 0.2986, 0.2922
Android (android.graphics.Color)	4292069352 (0xFFD3C7E8)
YUV	206.3500, 12.6455, 4.0781
Hunter-Lab	77.7958, 5.7644, -10.1371

Details

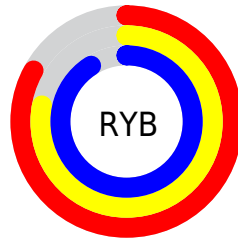
The Yxy color $60.5219, 0.2986, 0.2922$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.0480, 0.3255, 0.3651$, and the grayscale version is $61.8763, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.4533, 0.2949, 0.2835$ is the 20% darker color. If you saturate the color by 10%, you get $48.5667, 0.2868, 0.2634$, and if you desaturate by 10%, it is $74.3101, 0.3088, 0.3186$.

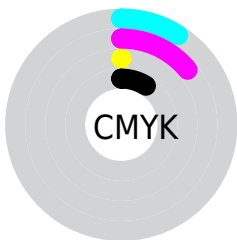
Distribution



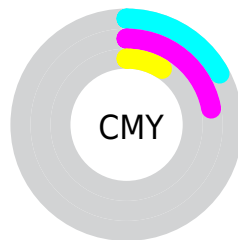
- Red (83%)
- Green (78%)
- Blue (91%)



- Red (83%)
- Yellow (78%)
- Blue (91%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5219, 0.2986, 0.2922 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 60.5219, 0.2986, 0.2922 by changing the saturation by 10% instead.

60.5219, 0.2986,
0.2922

60.5219, 0.2986,
0.2922

426.5188, 0.3055,
0.3094

43.8394, 0.2970,
0.2882

105.5864, 0.3010,
0.2982

30.5443, 0.2949,
0.2833

134.7372, 0.3020,
0.3005

20.2521, 0.2922,
0.2771

168.8129, 0.3028,
0.3025

12.5784, 0.2885,
0.2689

208.1979, 0.3035,
0.3042

7.1389, 0.2833,
0.2576

253.2766, 0.3041,
0.3058

3.5491, 0.2754,
0.2413

304.4334, 0.3046,

1.4247, 0.2620,

0.3071

0.2157

362.0527, 0.3050,
0.3083

0.2348, 0.2332,
0.1151

0.0000, 0.0000,
0.0000

60.5219, 0.2986,
0.2922

60.5219, 0.2986,
0.2922

48.5667, 0.2868,
0.2634

74.3101, 0.3088,
0.3186

38.3581, 0.2734,
0.2328

89.9976, 0.3176,
0.3425

29.8139, 0.2586,
0.2012

98.6055, 0.3262,
0.3513

22.8422, 0.2428,
0.1698

■ 17.3420, 0.2266,
0.1404

■ 13.1999, 0.2107,
0.1147

■ 10.2853, 0.1961,
0.0945

■ 8.4397, 0.1836,
0.0807

■ 7.7208, 0.1774,
0.0751

Harmonies

Analogous

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



60.5219, 0.2797, 0.2911



60.5219, 0.2986, 0.2922



60.5219, 0.3219, 0.3023

Triad

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



60.5219, 0.2986, 0.2922



60.5219, 0.3575, 0.3564



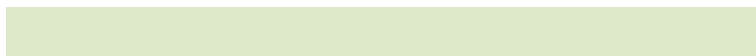
60.5219, 0.2825, 0.3386

Complementary

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



60.5219, 0.2986, 0.2922



77.0480, 0.3255, 0.3651

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.



60.5219, 0.3024, 0.3582



60.5219, 0.2986, 0.2922



60.5219, 0.3460, 0.3680

Square

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



60.5219, 0.2986, 0.2922



60.5219, 0.3566, 0.3384



60.5219, 0.3257, 0.3690



60.5219, 0.2707, 0.3170

Rectangle

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



60.5219, 0.2986, 0.2922



60.5219, 0.3369, 0.3128



60.5219, 0.3257, 0.3690



60.5219, 0.2884, 0.3457

Sweetspot

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



60.5245, 0.2986, 0.2922



92.4524, 0.3090, 0.3191



69.3900, 0.2907, 0.3160



19.4940, 0.3083, 0.3172



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.



60.5245, 0.2986, 0.2922



70.5264, 0.2954, 0.2842



63.0154, 0.3106, 0.2935



14.1406, 0.3037, 0.3051



4.3517, 0.1790, 0.0760



0.3726, 0.1952, 0.0849

Inverse Universe

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



63.1742, 0.3231, 0.3064



74.4196, 0.3255, 0.3016



74.6615, 0.3143, 0.3664



14.5218, 0.3193, 0.3141



10.7321, 0.4387, 0.2191



0.8107, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 60.5219, 0.2986, 0.2922 looks on a white background.

Color Contrast Check

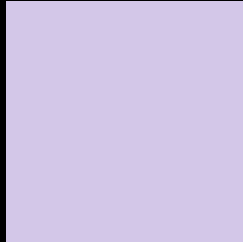
Large Text (above 18pt) WCAG AA × Fail

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 60.5219, 0.2986, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

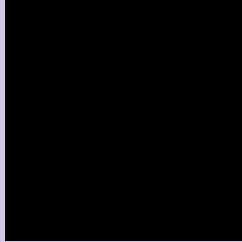
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

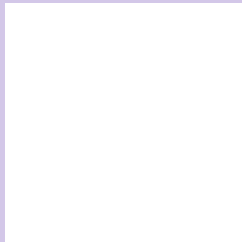
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5219, 0.2986, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 60.5219, 0.2986, 0.2922.



This preview shows how white text looks on a background with the Yxy color 60.5219, 0.2986, 0.2922.

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

60.5219, 0.2986, 0.2922

Protanopia

60.7945, 0.2887, 0.2937

Deuteranopia

60.5219, 0.2986, 0.2922



Tritanopia

60.3384, 0.3075, 0.3107

Trichromacy



Original Color

60.5219, 0.2986, 0.2922

Protanomaly

60.8208, 0.2922, 0.2939

Deuteranomaly

60.5219, 0.2986, 0.2922

Tritanomaly

60.2841, 0.3047, 0.3041

Monochromacy



Original Color

60.5219, 0.2986, 0.2922

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0281, 0.3080, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5219, 0.2986, 0.2922 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(211, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 232)  
}
```

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(211, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.5219, 0.2986, 0.2922 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(211, 199, 232) }
```

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

```
.border{ border-color:rgb(211, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 199, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 199, 232); box-shadow:4px 4px 4px 4px rgb(211, 199, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5219, 0.2986, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 232) }
```

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

```
.background{ background-color: rgb(211,  
199, 232) }
```

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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