

Converting Colors

$Yxy(62.6936, 0.2893, 0.2687)$

Have a look what the booklet for
Yxy(62.6936, 0.2893, 0.2687)
contains.

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Color

Yxy(62.6682, 0.2892, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	DBC6FF
RGB	219, 198, 255
RGB Percent	86%, 78%, 100%
CMY	0.1409, 0.2236, 0.0000
CMYK	0.14, 0.22, 0.00, 0.00
HSL	262°, 100%, 89%
HSV	262°, 22%, 100%
XYZ	67.4745, 62.6682, 103.1715
YIQ	210.7770, -5.7810, 22.1790

Conversions

Conversions Part 2

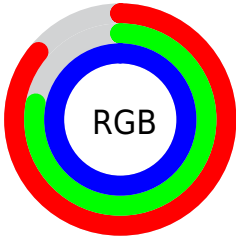
Format	Color
R _Y B	219, 198, 255
Decimal	14403327
CIE Lab	83.27, 18.16, -25.29
CIE LCh	83, 31.134, 305.681
Yxy	62.6682, 0.2892, 0.2686
Android (android.graphics.Color)	4292593407 (0xFFDBC6FF)
YUV	210.7770, 21.8019, 7.2116
Hunter-Lab	79.1632, 13.6081, -21.8569

Details

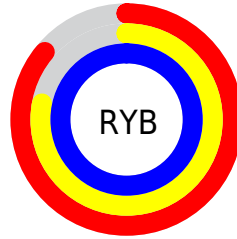
The Yxy color **62.6682, 0.2892, 0.2686** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.0749, 0.3326, 0.3876**, and the grayscale version is **64.8471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9162, 0.2836, 0.2551** is the 20% darker color. If you saturate the color by 10%, you get **49.6034, 0.2762, 0.2382**, and if you desaturate by 10%, it is **77.9374, 0.3007, 0.2971**.

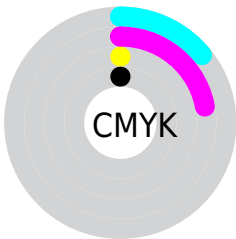
Distribution



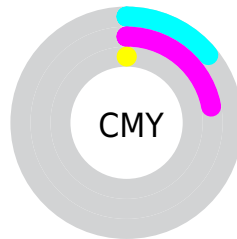
- Red (86%)
- Green (78%)
- Blue (100%)



- Red (86%)
- Yellow (78%)
- Blue (100%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6682, 0.2892, 0.2686 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 62.6682, 0.2892, 0.2686 by changing the saturation by 10% instead.


 62.6682, 0.2892,
0.2686

 62.6682, 0.2892,
0.2686


434.3643, 0.3006,
0.2961

 45.5728, 0.2865,
0.2625


108.6907, 0.2933,
0.2780

 31.9089, 0.2831,
0.2550


138.3866, 0.2948,
0.2817

 21.2919, 0.2786,
0.2456


173.0515, 0.2961,
0.2849

 13.3375, 0.2728,
0.2336

213.0697, 0.2973,
0.2877

 7.6614, 0.2646,
0.2176

258.8257, 0.2983,
0.2902

 3.8791, 0.2524,
0.1956

310.7039, 0.2992,

 1.6061, 0.2330,

0.2924

0.1638

369.0886, 0.2999,
0.2943

0.3617, 0.2031,
0.0934

0.0000, 0.0000,
0.0000

62.6682, 0.2892,
0.2686

62.6682, 0.2892,
0.2686

49.6034, 0.2762,
0.2382

77.9374, 0.3007,
0.2971

38.6358, 0.2617,
0.2065

95.5067, 0.3106,
0.3232

29.6525, 0.2461,
0.1749

100.0000, 0.3127,
0.3290

22.5284, 0.2299,
0.1451

■ 17.1240, 0.2139,
0.1187

■ 13.2790, 0.1991,
0.0976

■ 10.8007, 0.1862,
0.0828

■ 9.6145, 0.1779,
0.0754

Harmonies

Analogous

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



62.6682, 0.2580, 0.2656



62.6682, 0.2892, 0.2686



62.6682, 0.3288, 0.2853

Triad

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



62.6682, 0.2892, 0.2686



62.6682, 0.3889, 0.3744



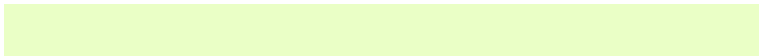
62.6682, 0.2609, 0.3440

Complementary

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



62.6682, 0.2892, 0.2686



93.0749, 0.3326, 0.3876

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.



62.6682, 0.2935, 0.3794



62.6682, 0.2892, 0.2686



62.6682, 0.3679, 0.3955

Square

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



62.6682, 0.2892, 0.2686



62.6682, 0.3884, 0.3440



62.6682, 0.3327, 0.3986



62.6682, 0.2425, 0.3063

Rectangle

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



62.6682, 0.2892, 0.2686



62.6682, 0.3546, 0.3024



62.6682, 0.3327, 0.3986



62.6682, 0.2705, 0.3568

Sweetspot

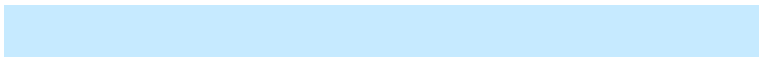
The Sweet Spot groups the original color and five complimentary colors.



62.6689, 0.2892, 0.2686



87.0636, 0.3062, 0.3114



78.1216, 0.2777, 0.3065



18.4081, 0.3056, 0.3099



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.



62.6689, 0.2892, 0.2686



56.3396, 0.2834, 0.2547



67.4457, 0.3097, 0.2722



17.7048, 0.3037, 0.3048



5.1013, 0.1795, 0.0763



0.5563, 0.1919, 0.0831

Inverse Universe

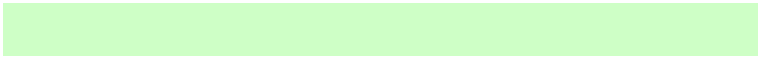
The Inverse Universe completely reimagines the original color for something new.



67.5750, 0.3307, 0.2930



62.1286, 0.3353, 0.2852



88.6585, 0.3144, 0.3911



18.1797, 0.3195, 0.3141



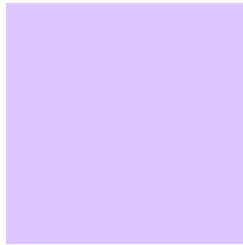
12.4780, 0.4421, 0.2209



1.2361, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 62.6682, 0.2892, 0.2686 looks on a white background.

Color Contrast Check

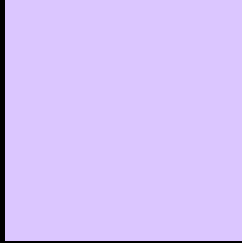
Large Text (above 18pt) WCAG AA × Fail

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 62.6682, 0.2892, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

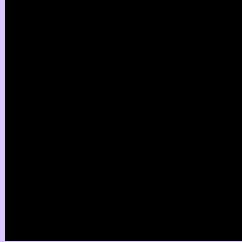
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6682, 0.2892, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 62.6682, 0.2892, 0.2686.

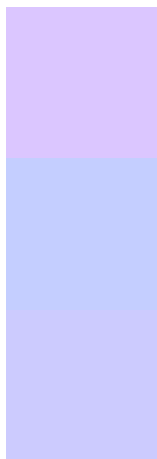


This preview shows how white text looks on a background with the Yxy color 62.6682, 0.2892, 0.2686.

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

62.6682, 0.2892, 0.2686

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.7050, 0.2797, 0.2734



Tritanopia

62.4992, 0.3083, 0.3110

Trichromacy



Original Color

62.6682, 0.2892, 0.2686

Protanomaly

62.7692, 0.2791, 0.2724

Deuteranomaly

62.4844, 0.2830, 0.2717

Tritanomaly

62.5713, 0.3009, 0.2948

Monochromacy



Original Color

62.6682, 0.2892, 0.2686

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9848, 0.3042, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6682, 0.2892, 0.2686 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(219, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 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(219, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.6682, 0.2892, 0.2686 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(219, 198, 255) }
```

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

```
.border{ border-color:rgb(219, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6682, 0.2892, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 255) }
```

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

```
.background{ background-color: rgb(219,  
198, 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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