

Converting Colors

$Y_{xy}(62.2965, 0.2908, 0.2672)$

Have a look what the booklet for
Yxy(62.2965, 0.2908, 0.2672)
contains.

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Color

Yxy(62.0720, 0.2905, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	DDC4FF
RGB	221, 196, 255
RGB Percent	87%, 77%, 100%
CMY	0.1334, 0.2314, 0.0000
CMYK	0.13, 0.23, 0.00, 0.00
HSL	265°, 100%, 88%
HSV	265°, 23%, 100%
XYZ	67.6112, 62.0720, 103.0577
YIQ	210.2010, -4.0390, 23.6490

Conversions

Conversions Part 2

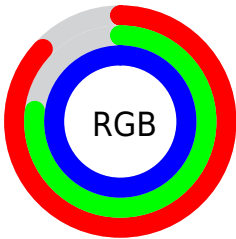
Format	Color
R _Y B	221, 196, 255
Decimal	14533887
CIE Lab	82.95, 19.82, -25.76
CIE LCh	83, 32.505, 307.576
Yxy	62.0720, 0.2905, 0.2667
Android (android.graphics.Color)	4292723967 (0xFFDDC4FF)
YUV	210.2010, 22.0859, 9.4707
Hunter-Lab	78.7858, 15.3074, -22.4057

Details

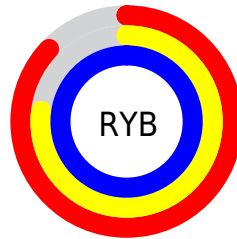
The Yxy color $62.0720, 0.2905, 0.2667$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.3305, 0.3312, 0.3902$, and the grayscale version is $64.4405, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $31.4226, 0.2844, 0.2525$ is the 20% darker color. If you saturate the color by 10%, you get $49.3221, 0.2785, 0.2366$, and if you desaturate by 10%, it is $76.9789, 0.3011, 0.2951$.

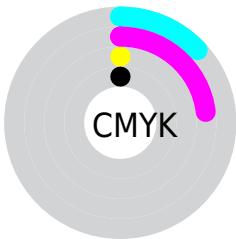
Distribution



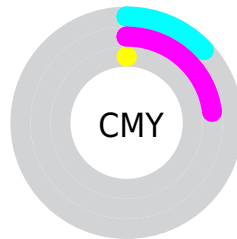
- Red (87%)
- Green (77%)
- Blue (100%)



- Red (87%)
- Yellow (77%)
- Blue (100%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0720, 0.2905, 0.2667 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 62.0720, 0.2905, 0.2667 by changing the saturation by 10% instead.


 62.0720, 0.2905,
0.2667

 62.0720, 0.2905,
0.2667


432.1937, 0.3014,
0.2950

 45.0909, 0.2879,
0.2604


107.8296, 0.2944,
0.2764

 31.5290, 0.2846,
0.2527


137.3748, 0.2959,
0.2802

 21.0020, 0.2804,
0.2430


171.8769, 0.2971,
0.2835

 13.1255, 0.2747,
0.2307

211.7202, 0.2982,
0.2864

 7.5150, 0.2667,
0.2143

257.2892, 0.2992,
0.2889

 3.7862, 0.2549,
0.1919

308.9681, 0.3000,

 1.5547, 0.2358,

0.2912

0.1594

367.1415, 0.3007,
0.2932

0.3268, 0.2070,
0.0852

0.0000, 0.0000,
0.0000

62.0720, 0.2905,
0.2667

62.0720, 0.2905,
0.2667

49.3221, 0.2785,
0.2366

76.9789, 0.3011,
0.2951

38.6251, 0.2651,
0.2056

94.1395, 0.3102,
0.3213

29.8683, 0.2507,
0.1749

100.0000, 0.3127,
0.3290

22.9277, 0.2356,
0.1460

■ 17.6643, 0.2206,
0.1208

■ 13.9179, 0.2065,
0.1007

■ 11.4950, 0.1940,
0.0866

■ 10.4086, 0.1864,
0.0801

Harmonies

Analogous

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



62.0720, 0.2571, 0.2625



62.0720, 0.2905, 0.2667



62.0720, 0.3322, 0.2849

Triad

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



62.0720, 0.2905, 0.2667



62.0720, 0.3916, 0.3781



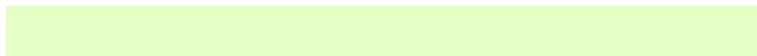
62.0720, 0.2568, 0.3420

Complementary

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



62.0720, 0.2905, 0.2667



92.3305, 0.3312, 0.3902

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.



62.0720, 0.2901, 0.3800



62.0720, 0.2905, 0.2667



62.0720, 0.3684, 0.3995

Square

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



62.0720, 0.2905, 0.2667



62.0720, 0.3928, 0.3466



62.0720, 0.3309, 0.4016



62.0720, 0.2387, 0.3028

Rectangle

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



62.0720, 0.2905, 0.2667



62.0720, 0.3590, 0.3030



62.0720, 0.3309, 0.4016



62.0720, 0.2665, 0.3556

Sweetspot

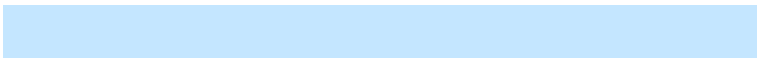
The Sweet Spot groups the original color and five complimentary colors.



62.0720, 0.2905, 0.2667



87.2357, 0.3068, 0.3115



75.7827, 0.2763, 0.3024



18.4479, 0.3063, 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.



62.0720, 0.2905, 0.2667



55.6074, 0.2849, 0.2523



67.0406, 0.3118, 0.2706



17.7537, 0.3045, 0.3049



5.5222, 0.1881, 0.0810



0.6004, 0.2007, 0.0879

Inverse Universe

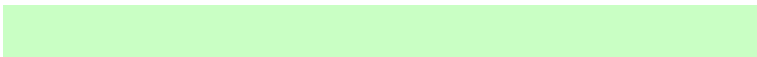
The Inverse Universe completely reimagines the original color for something new.



66.4550, 0.3338, 0.2948



60.7981, 0.3395, 0.2872



87.9120, 0.3127, 0.3938



18.1627, 0.3203, 0.3154



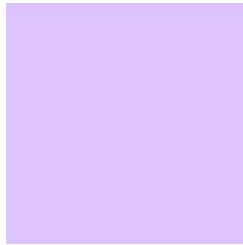
12.2399, 0.4642, 0.2331



1.2136, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 62.0720, 0.2905, 0.2667 looks on a white background.

Color Contrast Check

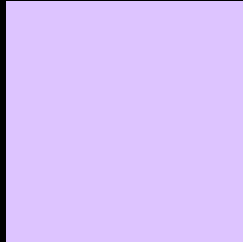
Large Text (above 18pt) WCAG AA × Fail

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 62.0720, 0.2905, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

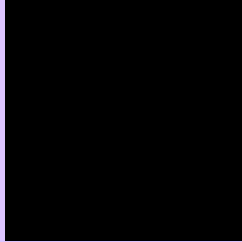
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0720, 0.2905, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 62.0720, 0.2905, 0.2667.

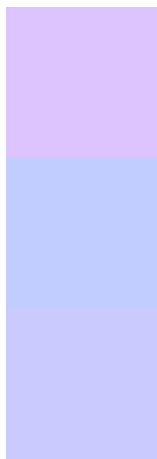


This preview shows how white text looks on a background with the Yxy color 62.0720, 0.2905, 0.2667.

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

62.0720, 0.2905, 0.2667

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

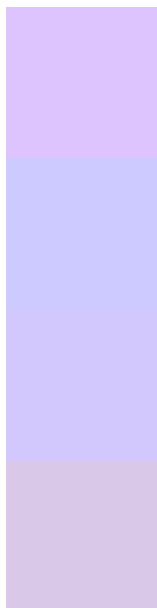
62.0933, 0.2790, 0.2722



Tritanopia

62.2734, 0.3105, 0.3111

Trichromacy



Original Color

62.0720, 0.2905, 0.2667

Protanomaly

62.2984, 0.2790, 0.2713

Deuteranomaly

62.1659, 0.2836, 0.2707

Tritanomaly

61.8865, 0.3030, 0.2938

Monochromacy



Original Color

62.0720, 0.2905, 0.2667

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4498, 0.3049, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0720, 0.2905, 0.2667 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(221, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 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(221, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.0720, 0.2905, 0.2667 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(221, 196, 255) }
```

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

```
.border{ border-color:rgb(221, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 255); box-shadow:4px 4px 4px 4px rgb(221, 196, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0720, 0.2905, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 255) }
```

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

```
.background{ background-color: rgb(221,  
196, 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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