

Converting Colors

$Yxy(61.8961, 0.2929, 0.2718)$

Have a look what the booklet for
Yxy(61.8961, 0.2929, 0.2718)
contains.

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Color

Yxy(62.0503, 0.2931, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	DCC5FA
RGB	220, 197, 250
RGB Percent	86%, 77%, 98%
CMY	0.1372, 0.2275, 0.0195
CMYK	0.12, 0.21, 0.00, 0.02
HSL	266°, 84%, 88%
HSV	266°, 21%, 98%
XYZ	66.7411, 62.0503, 98.9161
YIQ	209.9190, -3.3050, 21.3590

Conversions

Conversions Part 2

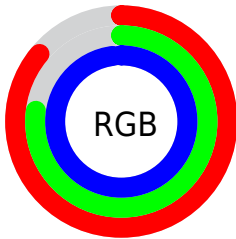
Format	Color
R _Y B	220, 197, 250
Decimal	14468602
CIE Lab	82.94, 17.95, -23.11
CIE LCh	83, 29.265, 307.829
Yxy	62.0503, 0.2931, 0.2725
Android (android.graphics.Color)	4292658682 (0xFFDCC5FA)
YUV	209.9190, 19.7599, 8.8410
Hunter-Lab	78.7720, 13.3865, -19.3116

Details

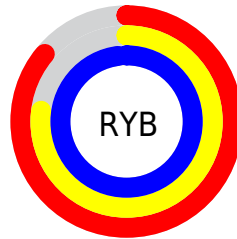
The Yxy color **62.0503, 0.2931, 0.2725** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7460, 0.3293, 0.3848**, and the grayscale version is **64.2652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.4945, 0.2886, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **49.5093, 0.2816, 0.2428**, and if you desaturate by 10%, it is **76.6662, 0.3031, 0.3004**.

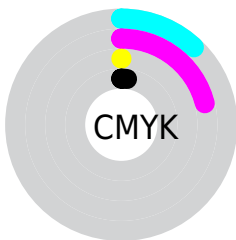
Distribution



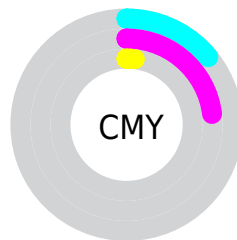
- Red (86%)
- Green (77%)
- Blue (98%)



- Red (86%)
- Yellow (77%)
- Blue (98%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0503, 0.2931, 0.2725 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 62.0503, 0.2931, 0.2725 by changing the saturation by 10% instead.

62.0503, 0.2931,
0.2725

62.0503, 0.2931,
0.2725

432.1145, 0.3027,
0.2983

45.0733, 0.2908,
0.2667

107.7982, 0.2965,
0.2814

31.5152, 0.2879,
0.2596

137.3380, 0.2978,
0.2849

20.9915, 0.2841,
0.2507

171.8341, 0.2989,
0.2879

13.1178, 0.2791,
0.2392

211.6711, 0.2999,
0.2905

7.5097, 0.2719,
0.2239

257.2332, 0.3007,
0.2928

3.7829, 0.2613,
0.2027

308.9049, 0.3015,

1.5528, 0.2439,

0.2948

0.1714

367.0705, 0.3021,
0.2967

0.3255, 0.2177,
0.0948

0.0000, 0.0000,
0.0000

62.0503, 0.2931,
0.2725

62.0503, 0.2931,
0.2725

49.5093, 0.2816,
0.2428

76.6662, 0.3031,
0.3004

38.9381, 0.2687,
0.2120

93.4402, 0.3118,
0.3261

30.2339, 0.2547,
0.1813

99.6833, 0.3156,
0.3338

23.2811, 0.2400,
0.1521

■ 17.9508, 0.2251,
0.1262

■ 14.0954, 0.2110,
0.1051

■ 11.5387, 0.1982,
0.0899

■ 10.1240, 0.1883,
0.0811

Harmonies

Analogous

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



62.0503, 0.2627, 0.2687



62.0503, 0.2931, 0.2725



62.0503, 0.3307, 0.2892

Triad

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



62.0503, 0.2931, 0.2725



62.0503, 0.3838, 0.3739



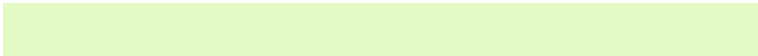
62.0503, 0.2621, 0.3405

Complementary

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



62.0503, 0.2931, 0.2725



88.7460, 0.3293, 0.3848

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.



62.0503, 0.2922, 0.3744



62.0503, 0.2931, 0.2725



62.0503, 0.3628, 0.3927

Square

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



62.0503, 0.2931, 0.2725



62.0503, 0.3848, 0.3456



62.0503, 0.3291, 0.3939



62.0503, 0.2456, 0.3054

Rectangle

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



62.0503, 0.2931, 0.2725



62.0503, 0.3547, 0.3058



62.0503, 0.3291, 0.3939



62.0503, 0.2708, 0.3526

Sweetspot

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



62.0529, 0.2931, 0.2725



89.0182, 0.3078, 0.3140



73.7355, 0.2793, 0.3039



18.8085, 0.3072, 0.3124



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.



62.0529, 0.2931, 0.2725



59.6384, 0.2889, 0.2613



66.5159, 0.3126, 0.2757



17.0114, 0.3047, 0.3050



5.4506, 0.1900, 0.0820



0.5662, 0.2032, 0.0893

Inverse Universe

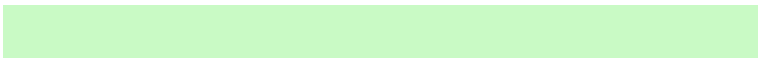
The Inverse Universe completely reimagines the original color for something new.



65.8060, 0.3321, 0.2983



64.1950, 0.3365, 0.2925



84.7670, 0.3121, 0.3878



17.3898, 0.3205, 0.3157



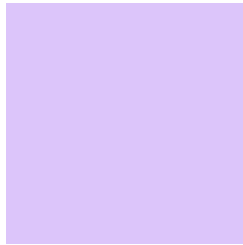
11.8378, 0.4684, 0.2354



1.1177, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 62.0503, 0.2931, 0.2725 looks on a white background.

Color Contrast Check

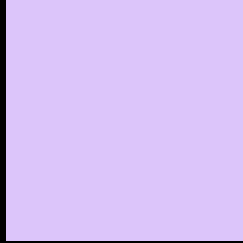
Large Text (above 18pt) WCAG AA × Fail

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 62.0503, 0.2931, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

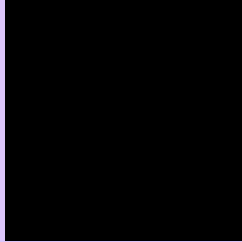
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0503, 0.2931, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 62.0503, 0.2931, 0.2725.

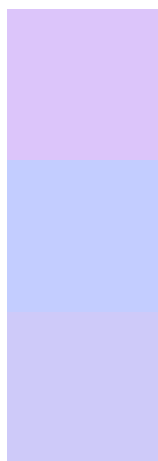


This preview shows how white text looks on a background with the Yxy color 62.0503, 0.2931, 0.2725.

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

62.0503, 0.2931, 0.2725

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.2024, 0.2841, 0.2775



Tritanopia

62.2734, 0.3105, 0.3111

Trichromacy



Original Color

62.0503, 0.2931, 0.2725

Protanomaly

62.1703, 0.2802, 0.2733

Deuteranomaly

61.9970, 0.2874, 0.2758

Tritanomaly

62.2382, 0.3044, 0.2970

Monochromacy



Original Color

62.0503, 0.2931, 0.2725

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3950, 0.3055, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0503, 0.2931, 0.2725 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(220, 197, 250)` looks like.

```
.text, #text, p{  
    color:rgb(220, 197, 250)  
}
```

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(220, 197, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 197, 250) }
```

Border

The CSS property to change the border of an element to Yxy 62.0503, 0.2931, 0.2725 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(220, 197, 250) }
```

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

```
.border{ border-color:rgb(220, 197, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 197, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 197, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 197, 250);  
box-shadow:4px 4px 4px 4px rgb(220, 197,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0503, 0.2931, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 197, 250) }
```

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

```
.background{ background-color: rgb(220,  
197, 250) }
```

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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