

Converting Colors

$Y_{xy}(57.0252, 0.2927, 0.2770)$

Have a look what the booklet for
Yxy(57.0252, 0.2927, 0.2770)
contains.

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Color

Yxy(56.9900, 0.2929, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	D1BFEE
RGB	209, 191, 238
RGB Percent	82%, 75%, 93%
CMY	0.1805, 0.2509, 0.0667
CMYK	0.12, 0.20, 0.00, 0.07
HSL	263°, 58%, 84%
HSV	263°, 20%, 93%
XYZ	60.3484, 56.9900, 88.6992
YIQ	201.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

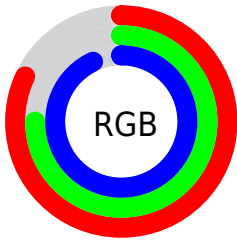
Format	Color
R _{YB}	209, 191, 238
Decimal	13746158
CIE _{Lab}	80.17, 15.20, -20.97
CIE _{LCh}	80, 25.903, 305.941
Yxy	56.9900, 0.2929, 0.2766
Android (android.graphics.Color)	4291936238 (0xFFD1BFEE)
YUV	201.7400, 17.8762, 6.3670
Hunter-Lab	75.4917, 10.5832, -16.8187

Details

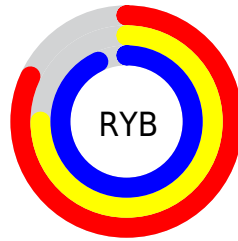
The Yxy color $56.9900, 0.2929, 0.2766$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.1279, 0.3298, 0.3802$, and the grayscale version is $58.7796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $28.4244, 0.2873, 0.2647$ is the 20% darker color. If you saturate the color by 10%, you get $45.3940, 0.2806, 0.2468$, and if you desaturate by 10%, it is $70.4754, 0.3037, 0.3043$.

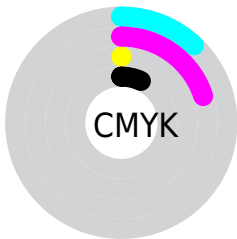
Distribution



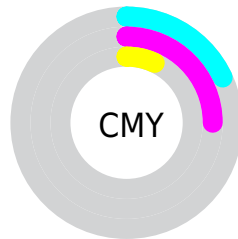
- Red (82%)
- Green (75%)
- Blue (93%)



- Red (82%)
- Yellow (75%)
- Blue (93%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)





- Cyan (18%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9900, 0.2929, 0.2766 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 56.9900, 0.2929, 0.2766 by changing the saturation by 10% instead.


 56.9900, 0.2929,
0.2766

 56.9900, 0.2929,
0.2766

413.4118, 0.3027,
0.3010

 40.9972, 0.2905,
0.2710


 100.4506, 0.2964,
0.2851

 28.3169, 0.2875,
0.2641


128.6872, 0.2977,
0.2884

 18.5647, 0.2836,
0.2553


161.7739, 0.2989,
0.2912

 11.3562, 0.2782,
0.2438

200.0950, 0.2999,
0.2937

 6.3069, 0.2706,
0.2282

244.0349, 0.3007,
0.2959

 3.0326, 0.2588,
0.2060

293.9781, 0.3014,

 1.1488, 0.2390,

0.2978

0.1721

350.3090, 0.3021,
0.2995

0.0193, 0.1951,
0.0096

0.0000, 0.0000,
0.0000

56.9900, 0.2929,
0.2766

56.9900, 0.2929,
0.2766

45.3940, 0.2806,
0.2468

70.4754, 0.3037,
0.3043

35.5934, 0.2668,
0.2156

85.9239, 0.3129,
0.3296

27.4972, 0.2518,
0.1842

98.5908, 0.3214,
0.3455

21.0029, 0.2360,
0.1539

98.9524, 0.3226,
0.3454

■ 15.9969, 0.2202,
0.1266

■ 12.3497, 0.2051,
0.1041

■ 9.9085, 0.1917,
0.0875

■ 8.4259, 0.1804,
0.0768

■ 8.3925, 0.1801,
0.0766

Harmonies

Analogous

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



56.9900, 0.2656, 0.2741



56.9900, 0.2929, 0.2766



56.9900, 0.3270, 0.2913

Triad

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



56.9900, 0.2929, 0.2766



56.9900, 0.3781, 0.3688



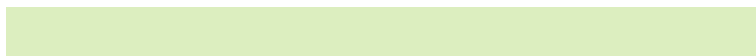
56.9900, 0.2679, 0.3417

Complementary

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



56.9900, 0.2929, 0.2766



80.1279, 0.3298, 0.3802

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.



56.9900, 0.2962, 0.3717



56.9900, 0.2929, 0.2766



56.9900, 0.3601, 0.3864

Square

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



56.9900, 0.2929, 0.2766



56.9900, 0.3777, 0.3427



56.9900, 0.3299, 0.3883



56.9900, 0.2518, 0.3096

Rectangle

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



56.9900, 0.2929, 0.2766



56.9900, 0.3490, 0.3063



56.9900, 0.3299, 0.3883



56.9900, 0.2762, 0.3525

Sweetspot

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



56.9924, 0.2929, 0.2766



88.8744, 0.3073, 0.3140



68.8412, 0.2820, 0.3095



18.7745, 0.3067, 0.3123



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.



56.9924, 0.2929, 0.2766



60.4940, 0.2877, 0.2639



60.5525, 0.3102, 0.2793



15.5230, 0.3039, 0.3050



4.7513, 0.1817, 0.0774



0.4507, 0.1963, 0.0855

Inverse Universe

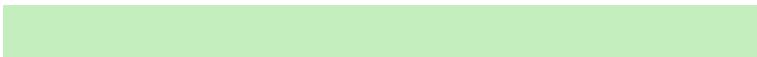
The Inverse Universe completely reimagines the original color for something new.



60.6150, 0.3286, 0.2981



65.5592, 0.3329, 0.2910



76.8136, 0.3143, 0.3827



15.9231, 0.3196, 0.3145



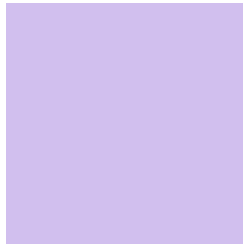
11.3436, 0.4466, 0.2234



0.9630, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 56.9900, 0.2929, 0.2766 looks on a white background.

Color Contrast Check

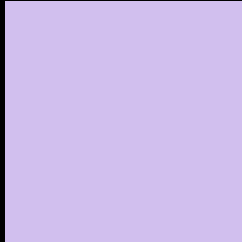
Large Text (above 18pt) WCAG AA × Fail

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 56.9900, 0.2929, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

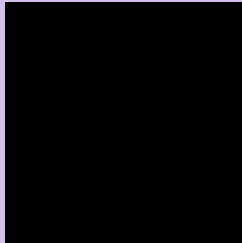
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9900, 0.2929, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 56.9900, 0.2929, 0.2766.



This preview shows how white text looks on a background with the Yxy color 56.9900, 0.2929, 0.2766.

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

56.9900, 0.2929, 0.2766

Protanopia

57.1621, 0.2764, 0.2772

Deuteranopia

56.8401, 0.2864, 0.2800



Tritanopia

57.1621, 0.3088, 0.3115

Trichromacy



Original Color

56.9900, 0.2929, 0.2766

Protanomaly

57.1168, 0.2817, 0.2767

Deuteranomaly

56.9509, 0.2892, 0.2793

Tritanomaly

56.9258, 0.3025, 0.2979

Monochromacy



Original Color

56.9900, 0.2929, 0.2766

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2736, 0.3059, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9900, 0.2929, 0.2766 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(209, 191, 238)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 238)  
}
```

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(209, 191, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 238) }
```

Border

The CSS property to change the border of an element to Yxy 56.9900, 0.2929, 0.2766 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(209, 191, 238) }
```

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

```
.border{ border-color:rgb(209, 191, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 191, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 191, 238);  
box-shadow:4px 4px 4px 4px rgb(209, 191,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9900, 0.2929, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 238) }
```

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

```
.background{ background-color: rgb(209,  
191, 238) }
```

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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