

Converting Colors

Yxy(62.1219, 0.2998, 0.2858)

Have a look what the booklet for
Yxy(62.1219, 0.2998, 0.2858)
contains.

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Color

Yxy(62.1389, 0.2997, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7EF
RGB	219, 199, 239
RGB Percent	86%, 78%, 94%
CMY	0.1414, 0.2195, 0.0627
CMYK	0.08, 0.17, 0.00, 0.06
HSL	270°, 56%, 86%
HSV	270°, 17%, 94%
XYZ	65.2067, 62.1389, 90.2276
YIQ	209.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

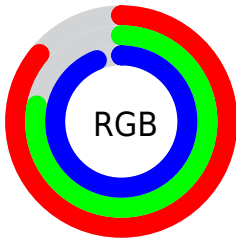
Format	Color
R _Y B	219, 199, 239
Decimal	14403567
CIE _{Lab}	82.99, 14.31, -17.19
CIE _{LCh}	83, 22.367, 309.787
Yxy	62.1389, 0.2997, 0.2856
Android (android.graphics.Color)	4292593647 (0xFFDBC7EF)
YUV	209.5400, 14.5238, 8.2964
Hunter-Lab	78.8282, 9.7057, -12.6842

Details

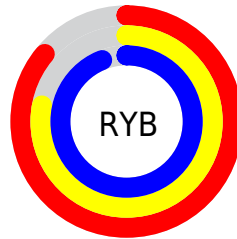
The Yxy color $62.1389, 0.2997, 0.2856$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.9380, 0.3240, 0.3724$, and the grayscale version is $64.0336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5622, 0.2964, 0.2753$ is the 20% darker color. If you saturate the color by 10%, you get $50.1989, 0.2902, 0.2571$, and if you desaturate by 10%, it is $75.9455, 0.3079, 0.3123$.

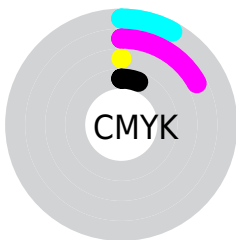
Distribution



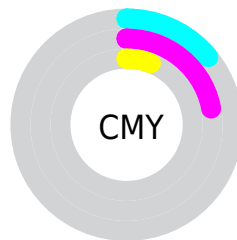
- Red (86%)
- Green (78%)
- Blue (94%)



- Red (86%)
- Yellow (78%)
- Blue (94%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)





- Cyan (14%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1389, 0.2997, 0.2856 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 62.1389, 0.2997, 0.2856 by changing the saturation by 10% instead.


 62.1389, 0.2997,
0.2856

 62.1389, 0.2997,
0.2856

432.4376, 0.3061,
0.3056

 45.1449, 0.2982,
0.2810

107.9263, 0.3020,
0.2925

 31.5716, 0.2962,
0.2754


137.4884, 0.3029,
0.2952

 21.0345, 0.2937,
0.2683


172.0088, 0.3036,
0.2976

 13.1492, 0.2902,
0.2591

211.8718, 0.3042,
0.2996

 7.5314, 0.2854,
0.2466

257.4618, 0.3048,
0.3014

 3.7966, 0.2779,
0.2288

309.1631, 0.3053,

 1.5604, 0.2654,

0.3030

0.2017

367.3603, 0.3057,
0.3044

0.3307, 0.2469,
0.1230

0.0000, 0.0000,
0.0000

62.1389, 0.2997,
0.2856

62.1389, 0.2997,
0.2856

50.1989, 0.2902,
0.2571

75.9455, 0.3079,
0.3123

40.0343, 0.2794,
0.2274

91.6887, 0.3149,
0.3368

31.5582, 0.2674,
0.1975

98.9979, 0.3220,
0.3444

24.6728, 0.2545,
0.1685

99.0128, 0.3220,
0.3444

■ 19.2700, 0.2412,
0.1421

■ 15.2275, 0.2279,
0.1196

■ 12.4027, 0.2153,
0.1024

■ 10.6153, 0.2039,
0.0908

■ 10.1624, 0.2004,
0.0878

Harmonies

Analogous

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



62.1389, 0.2755, 0.2822



62.1389, 0.2997, 0.2856



62.1389, 0.3285, 0.2993

Triad

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



62.1389, 0.2997, 0.2856



62.1389, 0.3664, 0.3653



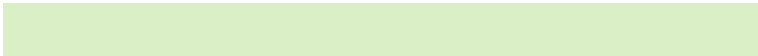
62.1389, 0.2726, 0.3363

Complementary

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



62.1389, 0.2997, 0.2856



80.9380, 0.3240, 0.3724

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.



62.1389, 0.2955, 0.3617



62.1389, 0.2997, 0.2856



62.1389, 0.3499, 0.3782

Square

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



62.1389, 0.2997, 0.2856



62.1389, 0.3681, 0.3440



62.1389, 0.3238, 0.3774



62.1389, 0.2604, 0.3099

Rectangle

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



62.1389, 0.2997, 0.2856



62.1389, 0.3464, 0.3127



62.1389, 0.3238, 0.3774



62.1389, 0.2793, 0.3453

Sweetspot

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



62.1415, 0.2997, 0.2856



90.9402, 0.3092, 0.3166



69.3980, 0.2864, 0.3075



19.2022, 0.3087, 0.3148



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.



62.1415, 0.2997, 0.2856



67.1321, 0.2967, 0.2763



65.3263, 0.3142, 0.2875



15.6156, 0.3058, 0.3051



5.6933, 0.2020, 0.0887



0.5328, 0.2163, 0.0965

Inverse Universe

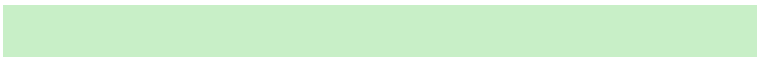
The Inverse Universe completely reimagines the original color for something new.



64.3282, 0.3293, 0.3078



70.1356, 0.3333, 0.3033



78.1014, 0.3110, 0.3742



15.8911, 0.3215, 0.3172



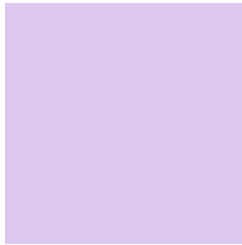
10.9156, 0.4951, 0.2501



0.9282, 0.4660, 0.2341

Previews

White Background



This preview shows how the Yxy color 62.1389, 0.2997, 0.2856 looks on a white background.

Color Contrast Check

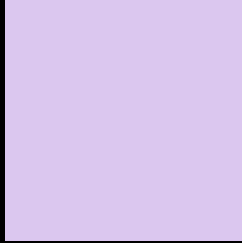
Large Text (above 18pt) WCAG AA × Fail

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 62.1389, 0.2997, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

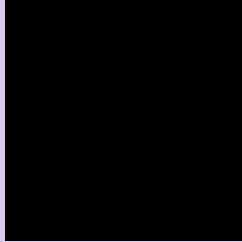
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1389, 0.2997, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 62.1389, 0.2997, 0.2856.



This preview shows how white text looks on a background with the Yxy color 62.1389, 0.2997, 0.2856.

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

62.1389, 0.2997, 0.2856

Protanopia

62.2758, 0.2832, 0.2864

Deuteranopia

62.4701, 0.2947, 0.2883



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.1389, 0.2997, 0.2856

Protanomaly

62.2445, 0.2885, 0.2858

Deuteranomaly

62.4524, 0.2968, 0.2875

Tritanomaly

62.4838, 0.3072, 0.3024

Monochromacy



Original Color

62.1389, 0.2997, 0.2856

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5092, 0.3075, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1389, 0.2997, 0.2856 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, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 239)  
}
```

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, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.1389, 0.2997, 0.2856 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, 199, 239) }
```

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

```
.border{ border-color:rgb(219, 199, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1389, 0.2997, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 239) }
```

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

```
.background{ background-color: rgb(219,  
199, 239) }
```

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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