

Converting Colors

Yxy(63.1842, 0.2984, 0.2858)

Have a look what the booklet for
Yxy(63.1842, 0.2984, 0.2858)
contains.

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Color

Yxy(63.1842, 0.2984, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9F1
RGB	219, 201, 241
RGB Percent	86%, 79%, 95%
CMY	0.1413, 0.2117, 0.0550
CMYK	0.09, 0.17, 0.00, 0.05
HSL	267°, 59%, 87%
HSV	267°, 17%, 95%
XYZ	65.9698, 63.1842, 91.9244
YIQ	210.9420, -2.1120, 16.2560

Conversions

Conversions Part 2

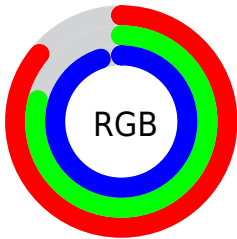
Format	Color
R _Y B	219, 201, 241
Decimal	14404081
CIE Lab	83.54, 13.65, -17.41
CIE LCh	84, 22.119, 308.099
Yxy	63.1842, 0.2984, 0.2858
Android (android.graphics.Color)	4292594161 (0xFFDBC9F1)
YUV	210.9420, 14.8186, 7.0669
Hunter-Lab	79.4885, 9.0374, -12.9239

Details

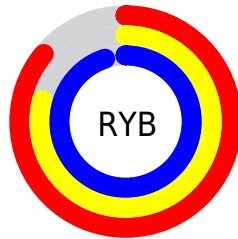
The Yxy color **63.1842, 0.2984, 0.2858** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8102, 0.3253, 0.3719**, and the grayscale version is **65.0020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2627, 0.2947, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **50.8416, 0.2879, 0.2570**, and if you desaturate by 10%, it is **77.4587, 0.3075, 0.3126**.

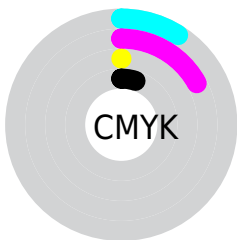
Distribution



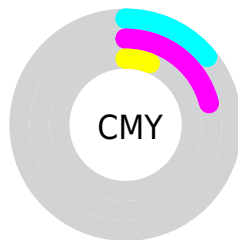
- Red (86%)
- Green (79%)
- Blue (95%)



- Red (86%)
- Yellow (79%)
- Blue (95%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1842, 0.2984, 0.2858 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 63.1842, 0.2984, 0.2858 by changing the saturation by 10% instead.

63.1842, 0.2984,
0.2858

63.1842, 0.2984,
0.2858

436.2377, 0.3054,
0.3057

45.9902, 0.2967,
0.2813

109.4352, 0.3009,
0.2927

32.2381, 0.2946,
0.2757

139.2611, 0.3018,
0.2954

21.5434, 0.2919,
0.2687

174.0663, 0.3026,
0.2977

13.5218, 0.2882,
0.2596

214.2354, 0.3033,
0.2997

7.7888, 0.2830,
0.2473

260.1527, 0.3039,
0.3015

3.9601, 0.2752,
0.2298

312.2025, 0.3045,

1.6513, 0.2622,

0.3030

0.2032

370.7694, 0.3049,
0.3044

0.3918, 0.2422,
0.1345

0.0000, 0.0000,
0.0000

63.1842, 0.2984,
0.2858

63.1842, 0.2984,
0.2858

50.8416, 0.2879,
0.2570

77.4587, 0.3075,
0.3126

40.3371, 0.2760,
0.2268

93.7374, 0.3152,
0.3371

31.5811, 0.2629,
0.1962

99.1299, 0.3209,
0.3425

24.4729, 0.2488,
0.1664

■ 18.9012, 0.2343,
0.1391

■ 14.7404, 0.2200,
0.1158

■ 11.8439, 0.2067,
0.0979

■ 10.0282, 0.1949,
0.0859

■ 9.5571, 0.1912,
0.0827

Harmonies

Analogous

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



63.1842, 0.2750, 0.2831



63.1842, 0.2984, 0.2858



63.1842, 0.3267, 0.2988

Triad

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



63.1842, 0.2984, 0.2858



63.1842, 0.3660, 0.3637



63.1842, 0.2743, 0.3377

Complementary

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



63.1842, 0.2984, 0.2858



82.8102, 0.3253, 0.3719

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.



63.1842, 0.2973, 0.3624



63.1842, 0.2984, 0.2858



63.1842, 0.3505, 0.3770

Square

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



63.1842, 0.2984, 0.2858



63.1842, 0.3667, 0.3425



63.1842, 0.3252, 0.3770



63.1842, 0.2616, 0.3116

Rectangle

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



63.1842, 0.2984, 0.2858



63.1842, 0.3445, 0.3117



63.1842, 0.3252, 0.3770



63.1842, 0.2810, 0.3465

Sweetspot

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



63.1869, 0.2984, 0.2858



90.8260, 0.3088, 0.3166



71.9005, 0.2868, 0.3099



19.1745, 0.3082, 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.



63.1869, 0.2984, 0.2858



66.7237, 0.2949, 0.2760



66.3627, 0.3127, 0.2876



15.5765, 0.3050, 0.3051



5.2609, 0.1929, 0.0836



0.4959, 0.2075, 0.0917

Inverse Universe

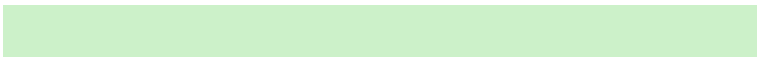
The Inverse Universe completely reimagines the original color for something new.



65.8071, 0.3277, 0.3059



70.2765, 0.3314, 0.3009



79.9110, 0.3124, 0.3736



15.9045, 0.3207, 0.3161



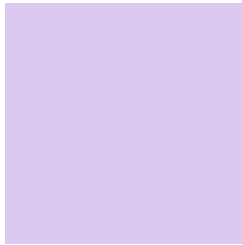
11.0823, 0.4745, 0.2387



0.9420, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 63.1842, 0.2984, 0.2858 looks on a white background.

Color Contrast Check

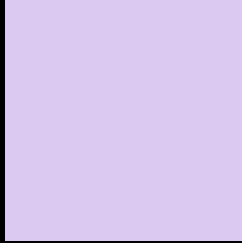
Large Text (above 18pt) WCAG AA × Fail

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 63.1842, 0.2984, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

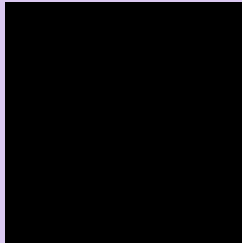
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1842, 0.2984, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 63.1842, 0.2984, 0.2858.



This preview shows how white text looks on a background with the Yxy color 63.1842, 0.2984, 0.2858.

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

63.1842, 0.2984, 0.2858

Protanopia

63.1527, 0.2834, 0.2857

Deuteranopia

63.2089, 0.2941, 0.2875



Tritanopia

63.4820, 0.3098, 0.3112

Trichromacy



Original Color

63.1842, 0.2984, 0.2858

Protanomaly

63.1273, 0.2887, 0.2850

Deuteranomaly

63.0390, 0.2955, 0.2865

Tritanomaly

63.5389, 0.3057, 0.3025

Monochromacy



Original Color

63.1842, 0.2984, 0.2858

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1957, 0.3075, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1842, 0.2984, 0.2858 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, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 241)  
}
```

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, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 241) }
```

Border

The CSS property to change the border of an element to Yxy 63.1842, 0.2984, 0.2858 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, 201, 241) }
```

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

```
.border{ border-color:rgb(219, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1842, 0.2984, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 241) }
```

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

```
.background{ background-color: rgb(219,  
201, 241) }
```

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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