

Converting Colors

$Yxy(64.3967, 0.3013, 0.2930)$

Have a look what the booklet for
Yxy(64.3967, 0.3013, 0.2930)
contains.

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Color

Yxy(64.3602, 0.3011, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	DBCCED
RGB	219, 204, 237
RGB Percent	86%, 80%, 93%
CMY	0.1411, 0.2000, 0.0706
CMYK	0.08, 0.14, 0.00, 0.07
HSL	267°, 48%, 86%
HSV	267°, 14%, 93%
XYZ	66.0943, 64.3602, 89.0550
YIQ	212.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

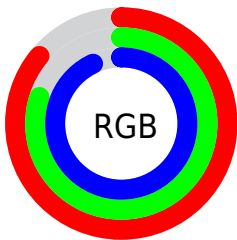
Format	Color
R _Y B	219, 204, 237
Decimal	14404845
CIE Lab	84.15, 11.28, -14.36
CIE LCh	84, 18.261, 308.151
Yxy	64.3602, 0.3011, 0.2932
Android (android.graphics.Color)	4292594925 (0xFFDBCCED)
YUV	212.2470, 12.2032, 5.9224
Hunter-Lab	80.2248, 6.6663, -9.6586

Details

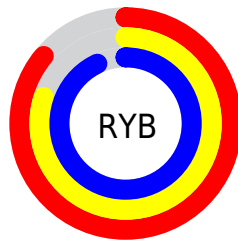
The Yxy color **64.3602, 0.3011, 0.2932** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4519, 0.3231, 0.3646**, and the grayscale version is **65.9317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0414, 0.2982, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **52.0147, 0.2911, 0.2650**, and if you desaturate by 10%, it is **78.5807, 0.3097, 0.3194**.

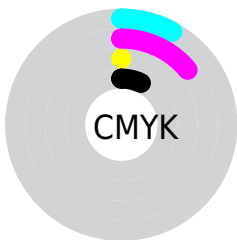
Distribution



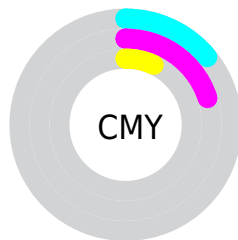
- Red (86%)
- Green (80%)
- Blue (93%)



- Red (86%)
- Yellow (80%)
- Blue (93%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3602, 0.3011, 0.2932 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 64.3602, 0.3011, 0.2932 by changing the saturation by 10% instead.

64.3602, 0.3011,
0.2932

64.3602, 0.3011,
0.2932

440.4892, 0.3067,
0.3097

46.9425, 0.2998,
0.2894

111.1295, 0.3031,
0.2989

32.9902, 0.2981,
0.2848

141.2499, 0.3039,
0.3012

22.1189, 0.2959,
0.2789

176.3733, 0.3045,
0.3031

13.9443, 0.2930,
0.2712

216.8841, 0.3051,
0.3048

8.0819, 0.2888,
0.2609

263.1667, 0.3056,
0.3062

4.1474, 0.2826,
0.2460

315.6055, 0.3060,

1.7564, 0.2721,

0.3075

0.2230

374.5849, 0.3064,
0.3087

0.4598, 0.2559,
0.1652

0.0000, 0.0000,
0.0000

64.3602, 0.3011,
0.2932

64.3602, 0.3011,
0.2932

52.0147, 0.2911,
0.2650

78.5807, 0.3097,
0.3194

41.4553, 0.2797,
0.2352

94.7438, 0.3170,
0.3432

32.5981, 0.2671,
0.2046

98.8941, 0.3232,
0.3464

25.3487, 0.2533,
0.1746

■ 19.6036, 0.2390,
0.1465

■ 15.2466, 0.2247,
0.1221

■ 12.1433, 0.2112,
0.1027

■ 10.1309, 0.1990,
0.0892

■ 9.2921, 0.1923,
0.0833

Harmonies

Analogous

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



64.3602, 0.2817, 0.2911



64.3602, 0.3011, 0.2932



64.3602, 0.3243, 0.3040

Triad

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



64.3602, 0.3011, 0.2932



64.3602, 0.3564, 0.3578



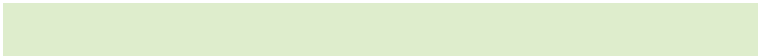
64.3602, 0.2811, 0.3362

Complementary

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



64.3602, 0.3011, 0.2932



80.4519, 0.3231, 0.3646

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.



64.3602, 0.3001, 0.3561



64.3602, 0.3011, 0.2932



64.3602, 0.3438, 0.3683

Square

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



64.3602, 0.3011, 0.2932



64.3602, 0.3569, 0.3404



64.3602, 0.3231, 0.3680



64.3602, 0.2705, 0.3149

Rectangle

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



64.3602, 0.3011, 0.2932



64.3602, 0.3388, 0.3148



64.3602, 0.3231, 0.3680



64.3602, 0.2867, 0.3433

Sweetspot

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



64.3629, 0.3011, 0.2932



92.6248, 0.3096, 0.3191



71.2729, 0.2910, 0.3126



19.5375, 0.3090, 0.3172



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.



64.3629, 0.3011, 0.2932



71.1836, 0.2981, 0.2845



67.0216, 0.3131, 0.2945



14.8846, 0.3051, 0.3052



5.1492, 0.1940, 0.0842



0.4608, 0.2094, 0.0927

Inverse Universe

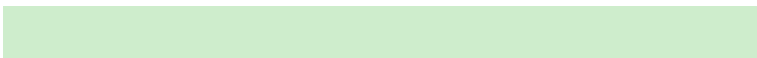
The Inverse Universe completely reimagines the original color for something new.



66.4631, 0.3251, 0.3100



74.1862, 0.3283, 0.3055



77.9971, 0.3121, 0.3658



15.1914, 0.3208, 0.3162



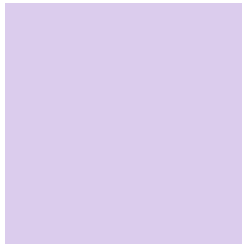
10.7243, 0.4766, 0.2399



0.8615, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 64.3602, 0.3011, 0.2932 looks on a white background.

Color Contrast Check

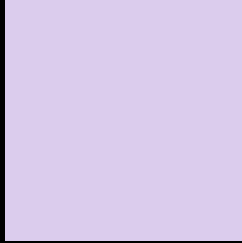
Large Text (above 18pt) WCAG AA × Fail

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 64.3602, 0.3011, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

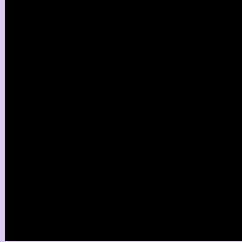
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3602, 0.3011, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 64.3602, 0.3011, 0.2932.



This preview shows how white text looks on a background with the Yxy color 64.3602, 0.3011, 0.2932.

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

64.3602, 0.3011, 0.2932

Protanopia

64.3822, 0.2893, 0.2935

Deuteranopia

64.2056, 0.3004, 0.2931



Tritanopia

64.2220, 0.3091, 0.3102

Trichromacy



Original Color

64.3602, 0.3011, 0.2932

Protanomaly

64.5593, 0.2934, 0.2938

Deuteranomaly

64.2056, 0.3004, 0.2931

Tritanomaly

64.1695, 0.3064, 0.3037

Monochromacy



Original Color

64.3602, 0.3011, 0.2932

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2685, 0.3089, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3602, 0.3011, 0.2932 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, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 237)  
}
```

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, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 237) }
```

Border

The CSS property to change the border of an element to Yxy 64.3602, 0.3011, 0.2932 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, 204, 237) }
```

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

```
.border{ border-color:rgb(219, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3602, 0.3011, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 237) }
```

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

```
.background{ background-color: rgb(219,  
204, 237) }
```

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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