

Converting Colors

$Yxy(64.0878, 0.3023, 0.2993)$

Have a look what the booklet for
Yxy(64.0878, 0.3023, 0.2993)
contains.

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Color

Yxy(64.0878, 0.3023, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	D8CDE8
RGB	216, 205, 232
RGB Percent	85%, 80%, 91%
CMY	0.1527, 0.1961, 0.0902
CMYK	0.07, 0.12, 0.00, 0.09
HSL	265°, 37%, 86%
HSV	265°, 12%, 91%
XYZ	64.7302, 64.0878, 85.3076
YIQ	211.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

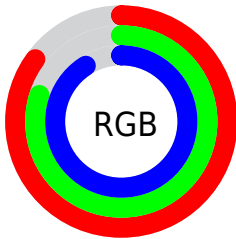
Format	Color
R _Y B	216, 205, 232
Decimal	14208488
CIE Lab	84.01, 8.82, -11.94
CIE LCh	84, 14.848, 306.451
Yxy	64.0878, 0.3023, 0.2993
Android (android.graphics.Color)	4292398568 (0xFFD8CDE8)
YUV	211.3670, 10.1721, 4.0631
Hunter-Lab	80.0549, 4.2342, -7.1419

Details

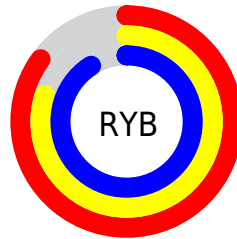
The Yxy color $64.0878, 0.3023, 0.2993$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.4859, 0.3223, 0.3584$, and the grayscale version is $65.3359, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.8449, 0.2998, 0.2930$ is the 20% darker color. If you saturate the color by 10%, you get $51.8030, 0.2918, 0.2713$, and if you desaturate by 10%, it is $78.1975, 0.3114, 0.3250$.

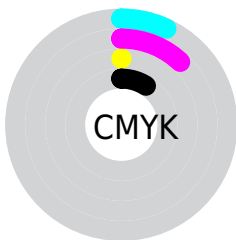
Distribution



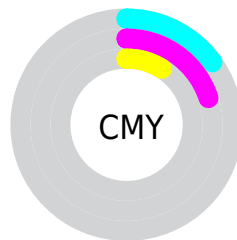
- Red (85%)
- Green (80%)
- Blue (91%)



- Red (85%)
- Yellow (80%)
- Blue (91%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0878, 0.3023, 0.2993 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 64.0878, 0.3023, 0.2993 by changing the saturation by 10% instead.

■ 64.0878, 0.3023,
0.2993

■ 64.0878, 0.3023,
0.2993

439.5066, 0.3073,
0.3131

■ 46.7218, 0.3011,
0.2961

110.7374, 0.3041,
0.3041

■ 32.8158, 0.2996,
0.2922

140.7897, 0.3048,
0.3060

■ 21.9854, 0.2977,
0.2872

175.8396, 0.3053,
0.3076

■ 13.8461, 0.2951,
0.2807

216.2715, 0.3058,
0.3090

■ 8.0137, 0.2914,
0.2718

262.4698, 0.3063,
0.3102

■ 4.1037, 0.2859,
0.2589

314.8188, 0.3067,

■ 1.7318, 0.2766,

0.3113

0.2387

373.7029, 0.3070,
0.3122

0.4441, 0.2607,
0.1816

0.0000, 0.0000,
0.0000

64.0878, 0.3023,
0.2993

64.0878, 0.3023,
0.2993

51.8030, 0.2918,
0.2713

78.1975, 0.3114,
0.3250

41.2585, 0.2798,
0.2415

94.1957, 0.3191,
0.3483

32.3751, 0.2664,
0.2105

98.6067, 0.3262,
0.3513

25.0643, 0.2518,
0.1796

■ 19.2288, 0.2366,
0.1503

■ 14.7602, 0.2214,
0.1241

■ 11.5345, 0.2069,
0.1029

■ 9.4036, 0.1940,
0.0876

■ 8.2661, 0.1847,
0.0791

Harmonies

Analogous

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



64.0878, 0.2866, 0.2981



64.0878, 0.3023, 0.2993



64.0878, 0.3212, 0.3078

Triad

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



64.0878, 0.3023, 0.2993



64.0878, 0.3486, 0.3520



64.0878, 0.2876, 0.3359

Complementary

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



64.0878, 0.3023, 0.2993



77.4859, 0.3223, 0.3584

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.



64.0878, 0.3036, 0.3517



64.0878, 0.3023, 0.2993



64.0878, 0.3389, 0.3607

Square

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



64.0878, 0.3023, 0.2993



64.0878, 0.3483, 0.3376



64.0878, 0.3224, 0.3609



64.0878, 0.2784, 0.3186

Rectangle

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



64.0878, 0.3023, 0.2993



64.0878, 0.3331, 0.3166



64.0878, 0.3224, 0.3609



64.0878, 0.2923, 0.3416

Sweetspot

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



64.0905, 0.3023, 0.2993



94.3698, 0.3102, 0.3216



70.6215, 0.2947, 0.3170



19.8846, 0.3095, 0.3196



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.



64.0905, 0.3023, 0.2993



75.5215, 0.2999, 0.2927



66.1902, 0.3120, 0.3002



14.1742, 0.3044, 0.3052



4.6582, 0.1863, 0.0800



0.3975, 0.2027, 0.0891

Inverse Universe

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



66.0290, 0.3219, 0.3119



78.3926, 0.3241, 0.3082



75.4894, 0.3131, 0.3592



14.5100, 0.3200, 0.3152



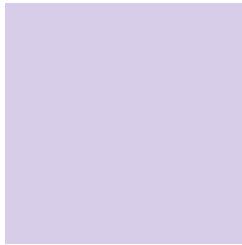
10.5507, 0.4577, 0.2295



0.7980, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 64.0878, 0.3023, 0.2993 looks on a white background.

Color Contrast Check

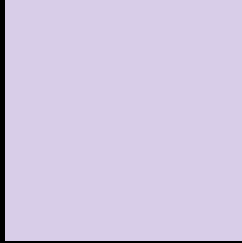
Large Text (above 18pt) WCAG AA × Fail

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 64.0878, 0.3023, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

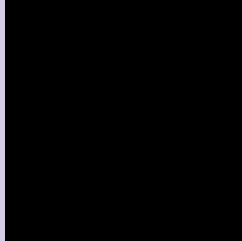
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

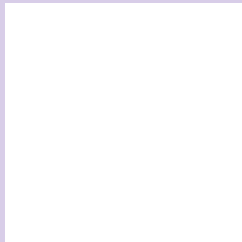
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0878, 0.3023, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 64.0878, 0.3023, 0.2993.



This preview shows how white text looks on a background with the Yxy color 64.0878, 0.3023, 0.2993.

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

64.0878, 0.3023, 0.2993

Protanopia

64.1741, 0.2938, 0.2999

Deuteranopia

64.0720, 0.3045, 0.2984



Tritanopia

64.4004, 0.3076, 0.3112

Trichromacy



Original Color

64.0878, 0.3023, 0.2993

Protanomaly

64.2105, 0.2973, 0.3001

Deuteranomaly

63.9174, 0.3037, 0.2983

Tritanomaly

64.0807, 0.3056, 0.3068

Monochromacy



Original Color

64.0878, 0.3023, 0.2993

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8615, 0.3088, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0878, 0.3023, 0.2993 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(216, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 232)  
}
```

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(216, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 232) }
```

Border

The CSS property to change the border of an element to Yxy 64.0878, 0.3023, 0.2993 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(216, 205, 232) }
```

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

```
.border{ border-color:rgb(216, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0878, 0.3023, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 232) }
```

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

```
.background{ background-color: rgb(216,  
205, 232) }
```

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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