

Converting Colors

$Y_{xy}(66.3300, 0.3012, 0.2942)$

Have a look what the booklet for
Yxy(66.3300, 0.3012, 0.2942)
contains.

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Color

Yxy(66.2298, 0.3012, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFEF
RGB	221, 207, 239
RGB Percent	87%, 81%, 94%
CMY	0.1333, 0.1882, 0.0628
CMYK	0.08, 0.13, 0.00, 0.06
HSL	266°, 50%, 87%
HSV	266°, 13%, 94%
XYZ	67.7136, 66.2298, 90.8693
YIQ	214.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

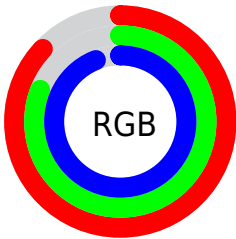
Format	Color
R _Y B	221, 207, 239
Decimal	14536687
CIE Lab	85.11, 10.73, -13.97
CIE LCh	85, 17.611, 307.532
Yxy	66.2298, 0.3012, 0.2946
Android (android.graphics.Color)	4292726767 (0xFFDDCFEF)
YUV	214.8340, 11.9138, 5.4076
Hunter-Lab	81.3817, 6.1028, -9.2349

Details

The Yxy color **66.2298, 0.3012, 0.2946** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2379, 0.3231, 0.3631**, and the grayscale version is **67.7584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3084, 0.2984, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **53.4906, 0.2910, 0.2664**, and if you desaturate by 10%, it is **80.8959, 0.3100, 0.3207**.

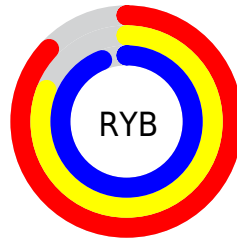
Distribution



Red (87%)

Green (81%)

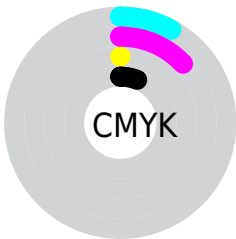
Blue (94%)



Red (87%)

Yellow (81%)

Blue (94%)

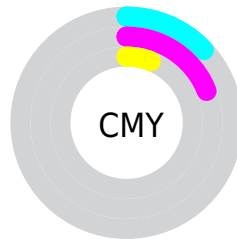


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2298, 0.3012, 0.2946 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 66.2298, 0.3012, 0.2946 by changing the saturation by 10% instead.

66.2298, 0.3012,
0.2946

66.2298, 0.3012,
0.2946

447.1983, 0.3067,
0.3104

48.4590, 0.2999,
0.2910

113.8161, 0.3032,
0.3001

34.1905, 0.2982,
0.2866

144.4004, 0.3039,
0.3022

23.0400, 0.2961,
0.2810

180.0245, 0.3046,
0.3040

14.6230, 0.2933,
0.2737

221.0731, 0.3051,
0.3057

8.5553, 0.2893,
0.2639

267.9303, 0.3056,
0.3071

4.4522, 0.2833,
0.2499

320.9806, 0.3060,

1.9296, 0.2735,

0.3083

0.2285

380.6085, 0.3064,
0.3094

■ 0.5661, 0.2576,
0.1823

■ 0.0000, 0.0000,
0.0000

■ 66.2298, 0.3012,
0.2946

■ 66.2298, 0.3012,
0.2946

■ 53.4906, 0.2910,
0.2664

■ 80.8959, 0.3100,
0.3207

■ 42.5876, 0.2793,
0.2365

■ 97.5580, 0.3175,
0.3444

■ 33.4349, 0.2663,
0.2057

■ 99.0116, 0.3220,
0.3444

■ 25.9365, 0.2522,
0.1753

■ 19.9867, 0.2375,
0.1468

■ 15.4673, 0.2228,
0.1219

■ 12.2417, 0.2090,
0.1020

■ 10.1453, 0.1966,
0.0881

■ 9.2160, 0.1893,
0.0816

Harmonies

Analogous

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



66.2298, 0.2827, 0.2928



66.2298, 0.3012, 0.2946



66.2298, 0.3234, 0.3048

Triad

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



66.2298, 0.3012, 0.2946



66.2298, 0.3546, 0.3563



66.2298, 0.2828, 0.3363

Complementary

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



66.2298, 0.3012, 0.2946



82.2379, 0.3231, 0.3631

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.



66.2298, 0.3012, 0.3552



66.2298, 0.3012, 0.2946



66.2298, 0.3428, 0.3665

Square

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



66.2298, 0.3012, 0.2946



66.2298, 0.3548, 0.3396



66.2298, 0.3231, 0.3664



66.2298, 0.2724, 0.3160

Rectangle

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



66.2298, 0.3012, 0.2946



66.2298, 0.3373, 0.3151



66.2298, 0.3231, 0.3664



66.2298, 0.2882, 0.3431

Sweetspot

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



66.2326, 0.3012, 0.2946



92.5929, 0.3095, 0.3191



73.4179, 0.2919, 0.3139



19.5295, 0.3089, 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.



66.2326, 0.3012, 0.2946



72.5823, 0.2986, 0.2873



68.8385, 0.3127, 0.2958



15.5674, 0.3048, 0.3051



5.1680, 0.1909, 0.0825



0.4878, 0.2055, 0.0906

Inverse Universe

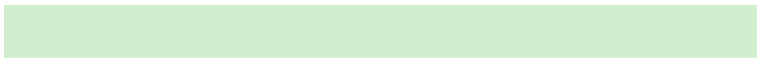
The Inverse Universe completely reimagines the original color for something new.



68.4110, 0.3241, 0.3102



75.5763, 0.3268, 0.3063



79.8086, 0.3125, 0.3643



15.9076, 0.3205, 0.3158



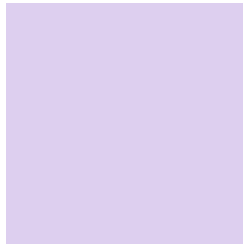
11.1238, 0.4697, 0.2361



0.9454, 0.4447, 0.2223

Previews

White Background



This preview shows how the Yxy color 66.2298, 0.3012, 0.2946 looks on a white background.

Color Contrast Check

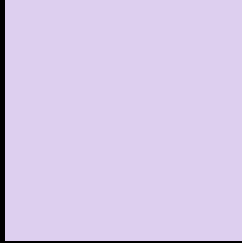
Large Text (above 18pt) WCAG AA × Fail

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 66.2298, 0.3012, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

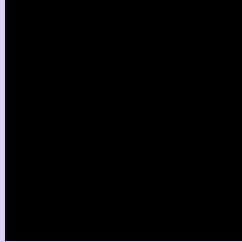
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2298, 0.3012, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 66.2298, 0.3012, 0.2946.

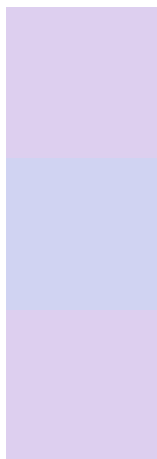


This preview shows how white text looks on a background with the Yxy color 66.2298, 0.3012, 0.2946.

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

66.2298, 0.3012, 0.2946

Protanopia

66.4092, 0.2902, 0.2950

Deuteranopia

66.2298, 0.3012, 0.2946



Tritanopia

66.1520, 0.3084, 0.3104

Trichromacy



Original Color

66.2298, 0.3012, 0.2946

Protanomaly

66.5902, 0.2943, 0.2953

Deuteranomaly

66.2298, 0.3012, 0.2946

Tritanomaly

66.0969, 0.3058, 0.3040

Monochromacy



Original Color

66.2298, 0.3012, 0.2946

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2205, 0.3082, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2298, 0.3012, 0.2946 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(221, 207, 239)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 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(221, 207, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 239) }
```

Border

The CSS property to change the border of an element to Yxy 66.2298, 0.3012, 0.2946 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(221, 207, 239) }
```

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

```
.border{ border-color:rgb(221, 207, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 239);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2298, 0.3012, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 239) }
```

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

```
.background{ background-color: rgb(221,  
207, 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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