

Converting Colors

Yxy(65.1690, 0.3024, 0.2942)

Have a look what the booklet for
Yxy(65.1690, 0.3024, 0.2942)
contains.

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Color

Yxy(65.1492, 0.3025, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	DDCDED
RGB	221, 205, 237
RGB Percent	87%, 80%, 93%
CMY	0.1336, 0.1960, 0.0707
CMYK	0.07, 0.13, 0.00, 0.07
HSL	270°, 47%, 87%
HSV	270°, 13%, 93%
XYZ	66.9190, 65.1492, 89.1515
YIQ	213.4320, -0.7360, 13.3440

Conversions

Conversions Part 2

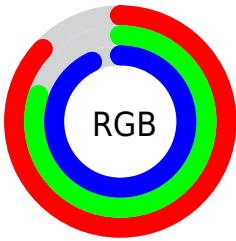
Format	Color
R _Y B	221, 205, 237
Decimal	14536173
CIE Lab	84.56, 11.36, -13.73
CIE LCh	85, 17.815, 309.610
Yxy	65.1492, 0.3025, 0.2945
Android (android.graphics.Color)	4292726253 (0xFFDDCDED)
YUV	213.4320, 11.6190, 6.6371
Hunter-Lab	80.7151, 6.7388, -8.9866

Details

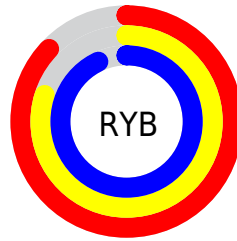
The Yxy color **65.1492, 0.3025, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3484, 0.3219, 0.3635**, and the grayscale version is **66.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5764, 0.3001, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **52.8567, 0.2934, 0.2666**, and if you desaturate by 10%, it is **79.2967, 0.3103, 0.3205**.

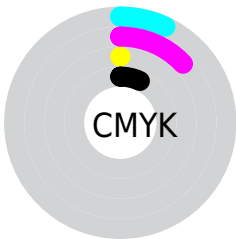
Distribution



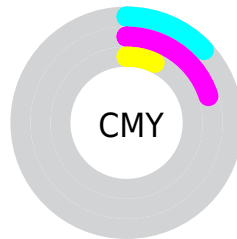
- Red (87%)
- Green (80%)
- Blue (93%)



- Red (87%)
- Yellow (80%)
- Blue (93%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1492, 0.3025, 0.2945 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 65.1492, 0.3025, 0.2945 by changing the saturation by 10% instead.

65.1492, 0.3025,
0.2945

65.1492, 0.3025,
0.2945

443.3279, 0.3074,
0.3104

47.5821, 0.3013,
0.2909

112.2643, 0.3043,
0.3000

33.4960, 0.2998,
0.2864

142.5811, 0.3049,
0.3022

22.5067, 0.2979,
0.2808

177.9166, 0.3055,
0.3040

14.2297, 0.2953,
0.2734

218.6551, 0.3060,
0.3056

8.2806, 0.2917,
0.2635

265.1812, 0.3064,
0.3070

4.2750, 0.2861,
0.2493

317.8790, 0.3068,

1.8286, 0.2769,

0.3083

0.2273

377.1332, 0.3071,
0.3094

0.5049, 0.2629,
0.1753

0.0000, 0.0000,
0.0000

65.1492, 0.3025,
0.2945

65.1492, 0.3025,
0.2945

52.8567, 0.2934,
0.2666

79.2967, 0.3103,
0.3205

42.3313, 0.2830,
0.2372

95.3656, 0.3169,
0.3442

33.4900, 0.2714,
0.2072

98.8932, 0.3232,
0.3464

26.2399, 0.2588,
0.1778

■ 20.4787, 0.2455,
0.1503

■ 16.0919, 0.2321,
0.1264

■ 12.9471, 0.2192,
0.1074

■ 10.8843, 0.2074,
0.0940

■ 9.9645, 0.2004,
0.0878

Harmonies

Analogous

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



65.1492, 0.2833, 0.2920



65.1492, 0.3025, 0.2945



65.1492, 0.3251, 0.3054

Triad

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



65.1492, 0.3025, 0.2945



65.1492, 0.3548, 0.3577



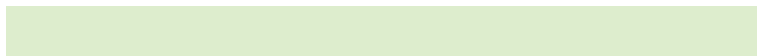
65.1492, 0.2812, 0.3350

Complementary

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



65.1492, 0.3025, 0.2945



80.3484, 0.3219, 0.3635

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.



65.1492, 0.2995, 0.3545



65.1492, 0.3025, 0.2945



65.1492, 0.3421, 0.3675

Square

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



65.1492, 0.3025, 0.2945



65.1492, 0.3559, 0.3410



65.1492, 0.3217, 0.3666



65.1492, 0.2714, 0.3144

Rectangle

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



65.1492, 0.3025, 0.2945



65.1492, 0.3390, 0.3161



65.1492, 0.3217, 0.3666



65.1492, 0.2865, 0.3419

Sweetspot

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



65.1520, 0.3025, 0.2945



92.7055, 0.3099, 0.3191



71.0930, 0.2917, 0.3120



19.5579, 0.3094, 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.



65.1520, 0.3025, 0.2945



72.9942, 0.3003, 0.2875



67.6990, 0.3139, 0.2957



14.9173, 0.3058, 0.3052



5.5194, 0.2021, 0.0887



0.4906, 0.2171, 0.0969

Inverse Universe

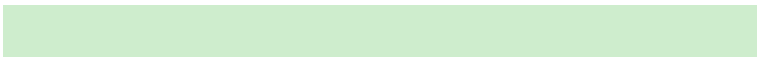
The Inverse Universe completely reimagines the original color for something new.



66.9015, 0.3256, 0.3120



75.4344, 0.3285, 0.3086



78.0244, 0.3114, 0.3646



15.1802, 0.3214, 0.3172



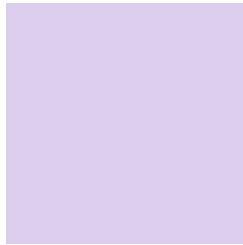
10.5834, 0.4947, 0.2499



0.8505, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 65.1492, 0.3025, 0.2945 looks on a white background.

Color Contrast Check

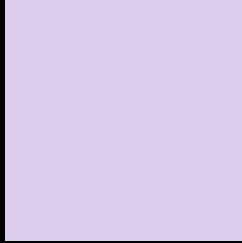
Large Text (above 18pt) WCAG AA × Fail

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 65.1492, 0.3025, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

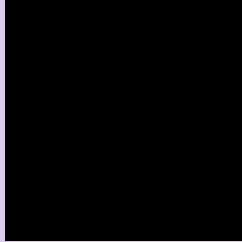
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

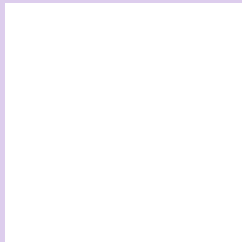
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1492, 0.3025, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 65.1492, 0.3025, 0.2945.



This preview shows how white text looks on a background with the Yxy color 65.1492, 0.3025, 0.2945.

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

65.1492, 0.3025, 0.2945

Protanopia

65.0140, 0.2900, 0.2947

Deuteranopia

65.4727, 0.3018, 0.2955



Tritanopia

65.0675, 0.3099, 0.3103

Trichromacy



Original Color

65.1492, 0.3025, 0.2945

Protanomaly

65.1926, 0.2941, 0.2950

Deuteranomaly

65.4727, 0.3018, 0.2955

Tritanomaly

65.0154, 0.3072, 0.3039

Monochromacy



Original Color

65.1492, 0.3025, 0.2945

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9660, 0.3089, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1492, 0.3025, 0.2945 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, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 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(221, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 237) }
```

Border

The CSS property to change the border of an element to Yxy 65.1492, 0.3025, 0.2945 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, 205, 237) }
```

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

```
.border{ border-color:rgb(221, 205, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 205, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1492, 0.3025, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 237) }
```

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

```
.background{ background-color: rgb(221,  
205, 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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