

Converting Colors

Yxy(65.9432, 0.2978, 0.2906)

Have a look what the booklet for
Yxy(65.9432, 0.2978, 0.2906)
contains.

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Color

Yxy(66.0965, 0.2978, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	DBCFF2
RGB	219, 207, 242
RGB Percent	86%, 81%, 95%
CMY	0.1412, 0.1882, 0.0511
CMYK	0.09, 0.14, 0.00, 0.05
HSL	261°, 57%, 88%
HSV	261°, 14%, 95%
XYZ	67.5482, 66.0965, 93.1793
YIQ	214.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

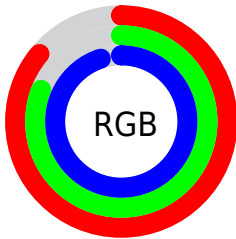
Format	Color
R _Y B	219, 207, 242
Decimal	14405618
CIE Lab	85.05, 10.66, -15.67
CIE LCh	85, 18.947, 304.228
Yxy	66.0965, 0.2978, 0.2914
Android (android.graphics.Color)	4292595698 (0xFFDBCFF2)
YUV	214.5780, 13.5190, 3.8781
Hunter-Lab	81.2998, 6.0328, -11.0436

Details

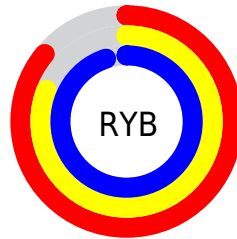
The Yxy color **66.0965, 0.2978, 0.2914** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8143, 0.3262, 0.3658**, and the grayscale version is **67.5645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2201, 0.2940, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **52.9087, 0.2855, 0.2624**, and if you desaturate by 10%, it is **81.3222, 0.3085, 0.3180**.

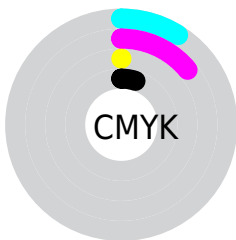
Distribution



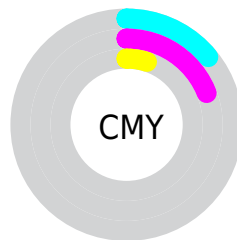
- Red (86%)
- Green (81%)
- Blue (95%)



- Red (86%)
- Yellow (81%)
- Blue (95%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0965, 0.2978, 0.2914 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 66.0965, 0.2978, 0.2914 by changing the saturation by 10% instead.

66.0965, 0.2978,
0.2914

66.0965, 0.2978,
0.2914

446.7219, 0.3049,
0.3087

48.3507, 0.2961,
0.2875

113.6248, 0.3003,
0.2974

34.1047, 0.2940,
0.2827

144.1762, 0.3013,
0.2997

22.9741, 0.2913,
0.2766

179.7649, 0.3021,
0.3017

14.5744, 0.2877,
0.2687

220.7753, 0.3028,
0.3035

8.5212, 0.2827,
0.2580

267.5918, 0.3035,
0.3050

4.4302, 0.2752,
0.2429

320.5988, 0.3040,

1.9170, 0.2630,

0.3064

0.2199

380.1807, 0.3045,
0.3076

0.5586, 0.2428,
0.1715

0.0000, 0.0000,
0.0000

66.0965, 0.2978,
0.2914

66.0965, 0.2978,
0.2914

52.9087, 0.2855,
0.2624

81.3222, 0.3085,
0.3180

41.6623, 0.2716,
0.2315

98.4014, 0.3176,
0.3416

32.2655, 0.2563,
0.1995

99.1891, 0.3203,
0.3415

24.6155, 0.2400,
0.1678

■ 18.5991, 0.2234,
0.1381

■ 14.0893, 0.2072,
0.1123

■ 10.9396, 0.1925,
0.0922

■ 8.9718, 0.1801,
0.0786

■ 8.2456, 0.1743,
0.0734

Harmonies

Analogous

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



66.0965, 0.2788, 0.2905



66.0965, 0.2978, 0.2914



66.0965, 0.3215, 0.3014

Triad

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



66.0965, 0.2978, 0.2914



66.0965, 0.3585, 0.3565



66.0965, 0.2823, 0.3393

Complementary

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



66.0965, 0.2978, 0.2914



84.8143, 0.3262, 0.3658

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.



66.0965, 0.3028, 0.3591



66.0965, 0.2978, 0.2914



66.0965, 0.3470, 0.3686

Square

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



66.0965, 0.2978, 0.2914



66.0965, 0.3573, 0.3381



66.0965, 0.3264, 0.3699



66.0965, 0.2701, 0.3172

Rectangle

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



66.0965, 0.2978, 0.2914



66.0965, 0.3368, 0.3121



66.0965, 0.3264, 0.3699



66.0965, 0.2884, 0.3465

Sweetspot

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



66.0993, 0.2978, 0.2914



92.4145, 0.3089, 0.3191



76.4471, 0.2903, 0.3164



19.4844, 0.3082, 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.



66.0993, 0.2978, 0.2914



70.3834, 0.2948, 0.2841



68.8978, 0.3101, 0.2928



15.4921, 0.3033, 0.3050



4.4986, 0.1759, 0.0742



0.4273, 0.1902, 0.0822

Inverse Universe

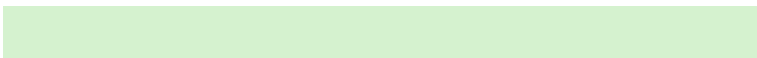
The Inverse Universe completely reimagines the original color for something new.



69.2157, 0.3228, 0.3052



74.4718, 0.3249, 0.3008



82.1152, 0.3147, 0.3671



15.9340, 0.3190, 0.3136



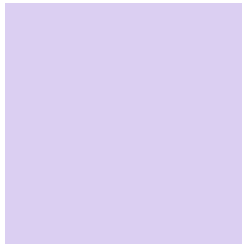
11.5133, 0.4310, 0.2148



0.9764, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 66.0965, 0.2978, 0.2914 looks on a white background.

Color Contrast Check

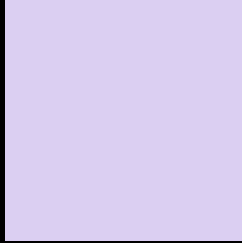
Large Text (above 18pt) WCAG AA × Fail

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 66.0965, 0.2978, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

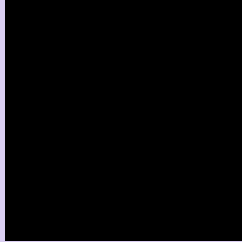
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

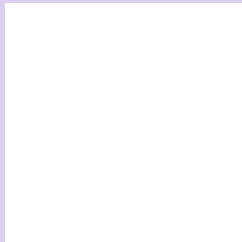
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0965, 0.2978, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 66.0965, 0.2978, 0.2914.



This preview shows how white text looks on a background with the Yxy color 66.0965, 0.2978, 0.2914.

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

66.0965, 0.2978, 0.2914

Protanopia

66.3856, 0.2883, 0.2928

Deuteranopia

66.0965, 0.2978, 0.2914



Tritanopia

66.1831, 0.3062, 0.3113

Trichromacy



Original Color

66.0965, 0.2978, 0.2914

Protanomaly

66.4131, 0.2916, 0.2930

Deuteranomaly

66.0965, 0.2978, 0.2914

Tritanomaly

66.1788, 0.3029, 0.3039

Monochromacy



Original Color

66.0965, 0.2978, 0.2914

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1221, 0.3068, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0965, 0.2978, 0.2914 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, 207, 242)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 242)  
}
```

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, 207, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 242) }
```

Border

The CSS property to change the border of an element to Yxy 66.0965, 0.2978, 0.2914 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, 207, 242) }
```

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

```
.border{ border-color:rgb(219, 207, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 207, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 242);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0965, 0.2978, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 242) }
```

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

```
.background{ background-color: rgb(219,  
207, 242) }
```

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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