

Converting Colors

$Yxy(66.0793, 0.2969, 0.2918)$

Have a look what the booklet for
Yxy(66.0793, 0.2969, 0.2918)
contains.

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Color

Yxy(65.9419, 0.2971, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	DACFF2
RGB	218, 207, 242
RGB Percent	85%, 81%, 95%
CMY	0.1450, 0.1882, 0.0510
CMYK	0.10, 0.14, 0.00, 0.05
HSL	259°, 57%, 88%
HSV	259°, 14%, 95%
XYZ	67.2549, 65.9419, 93.1743
YIQ	214.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

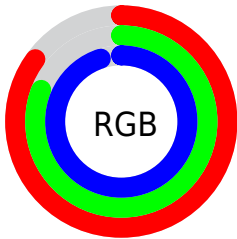
Format	Color
R _Y B	218, 207, 242
Decimal	14340082
CIE Lab	84.97, 10.35, -15.80
CIE LCh	85, 18.886, 303.232
Yxy	65.9419, 0.2971, 0.2913
Android (android.graphics.Color)	4292530162 (0xFFDACFF2)
YUV	214.2790, 13.6665, 3.2633
Hunter-Lab	81.2046, 5.7282, -11.1862

Details

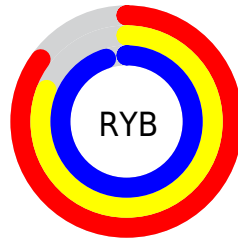
The Yxy color $65.9419, 0.2971, 0.2913$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.9836, 0.3269, 0.3657$, and the grayscale version is $67.3540, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.1142, 0.2931, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $52.6744, 0.2843, 0.2621$, and if you desaturate by 10%, it is $81.2674, 0.3083, 0.3180$.

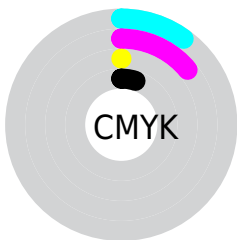
Distribution



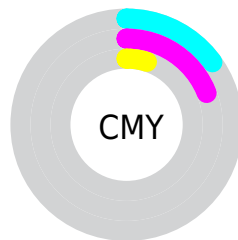
- Red (85%)
- Green (81%)
- Blue (95%)



- Red (85%)
- Yellow (81%)
- Blue (95%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9419, 0.2971, 0.2913 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 65.9419, 0.2971, 0.2913 by changing the saturation by 10% instead.

65.9419, 0.2971,
0.2913

65.9419, 0.2971,
0.2913

446.1691, 0.3046,
0.3086

48.2252, 0.2953,
0.2874

113.4029, 0.2997,
0.2973

34.0053, 0.2931,
0.2825

143.9161, 0.3007,
0.2996

22.8977, 0.2903,
0.2764

179.4636, 0.3016,
0.3016

14.5180, 0.2866,
0.2685

220.4297, 0.3024,
0.3034

8.4818, 0.2813,
0.2578

267.1989, 0.3030,
0.3050

4.4048, 0.2735,
0.2426

320.1557, 0.3036,

1.9025, 0.2609,

0.3063

0.2194

379.6842, 0.3041,
0.3075

■ 0.5499, 0.2398,
0.1701

■ 0.0000, 0.0000,
0.0000

■ 65.9419, 0.2971,
0.2913

■ 65.9419, 0.2971,
0.2913

■ 52.6744, 0.2843,
0.2621

■ 81.2674, 0.3083,
0.3180

■ 41.3677, 0.2698,
0.2309

■ 98.4715, 0.3179,
0.3416

■ 31.9287, 0.2539,
0.1986

■ 99.1899, 0.3203,
0.3415

■ 24.2538, 0.2370,
0.1665

■ 18.2285, 0.2199,
0.1365

■ 13.7248, 0.2034,
0.1104

■ 10.5946, 0.1885,
0.0901

■ 8.6582, 0.1763,
0.0765

■ 7.9547, 0.1706,
0.0713

Harmonies

Analogous

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



65.9419, 0.2783, 0.2907



65.9419, 0.2971, 0.2913



65.9419, 0.3207, 0.3011

Triad

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



65.9419, 0.2971, 0.2913



65.9419, 0.3585, 0.3560



65.9419, 0.2830, 0.3400

Complementary

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



65.9419, 0.2971, 0.2913



84.9836, 0.3269, 0.3657

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.



65.9419, 0.3036, 0.3596



65.9419, 0.2971, 0.2913



65.9419, 0.3475, 0.3683

Square

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



65.9419, 0.2971, 0.2913



65.9419, 0.3569, 0.3374



65.9419, 0.3272, 0.3700



65.9419, 0.2704, 0.3179

Rectangle

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



65.9419, 0.2971, 0.2913



65.9419, 0.3361, 0.3115



65.9419, 0.3272, 0.3700



65.9419, 0.2891, 0.3472

Sweetspot

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



65.9447, 0.2971, 0.2913



92.3625, 0.3087, 0.3191



77.1018, 0.2903, 0.3176



19.4713, 0.3079, 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.



65.9447, 0.2971, 0.2913



70.1882, 0.2939, 0.2840



68.6965, 0.3093, 0.2927



15.4702, 0.3029, 0.3049



4.3380, 0.1721, 0.0722



0.4119, 0.1861, 0.0799

Inverse Universe

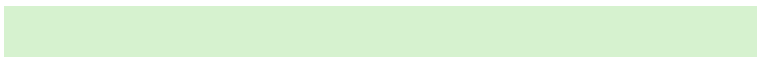
The Inverse Universe completely reimagines the original color for something new.



69.2687, 0.3221, 0.3042



74.5439, 0.3241, 0.2996



82.2959, 0.3155, 0.3670



15.9417, 0.3186, 0.3130



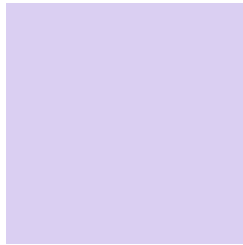
11.6418, 0.4202, 0.2088



0.9864, 0.4039, 0.1998

Previews

White Background



This preview shows how the Yxy color 65.9419, 0.2971, 0.2913 looks on a white background.

Color Contrast Check

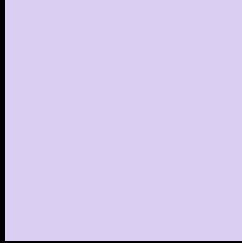
Large Text (above 18pt) WCAG AA × Fail

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 65.9419, 0.2971, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

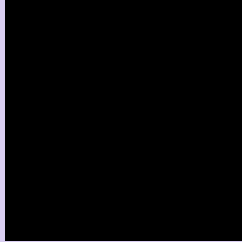
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9419, 0.2971, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 65.9419, 0.2971, 0.2913.



This preview shows how white text looks on a background with the Yxy color 65.9419, 0.2971, 0.2913.

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

65.9419, 0.2971, 0.2913

Protanopia

65.7467, 0.2876, 0.2916

Deuteranopia

66.0965, 0.2978, 0.2914



Tritanopia

66.0312, 0.3055, 0.3113

Trichromacy



Original Color

65.9419, 0.2971, 0.2913

Protanomaly

65.7736, 0.2909, 0.2919

Deuteranomaly

66.0965, 0.2978, 0.2914

Tritanomaly

66.0261, 0.3022, 0.3038

Monochromacy



Original Color

65.9419, 0.2971, 0.2913

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4174, 0.3068, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9419, 0.2971, 0.2913 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(218, 207, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 207, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 242) }
```

Border

The CSS property to change the border of an element to Yxy 65.9419, 0.2971, 0.2913 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(218, 207, 242) }
```

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

```
.border{ border-color:rgb(218, 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(218, 207, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9419, 0.2971, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 242) }
```

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

```
.background{ background-color: rgb(218,  
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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