

Converting Colors

Yxy(67.4074, 0.2960, 0.2886)

Have a look what the booklet for
Yxy(67.4074, 0.2960, 0.2886)
contains.

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Color

Yxy(67.6885, 0.2960, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	DDD1F7
RGB	221, 209, 247
RGB Percent	87%, 82%, 97%
CMY	0.1334, 0.1803, 0.0315
CMYK	0.11, 0.15, 0.00, 0.03
HSL	259°, 70%, 89%
HSV	259°, 15%, 97%
XYZ	69.4001, 67.6885, 97.3711
YIQ	216.9200, -5.0460, 14.3620

Conversions

Conversions Part 2

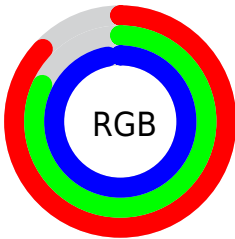
Format	Color
R _Y B	221, 209, 247
Decimal	14537207
CIE Lab	85.85, 11.23, -17.08
CIE LCh	86, 20.443, 303.318
Yxy	67.6885, 0.2960, 0.2887
Android (android.graphics.Color)	4292727287 (0xFFDDD1F7)
YUV	216.9200, 14.8294, 3.5782
Hunter-Lab	82.2730, 6.5930, -12.5793

Details

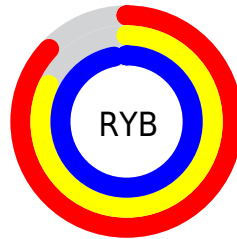
The Yxy color **67.6885, 0.2960, 0.2887** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7621, 0.3278, 0.3682**, and the grayscale version is **69.2294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3113, 0.2917, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **53.9759, 0.2830, 0.2593**, and if you desaturate by 10%, it is **83.5522, 0.3073, 0.3156**.

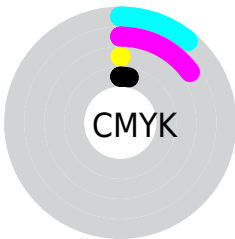
Distribution



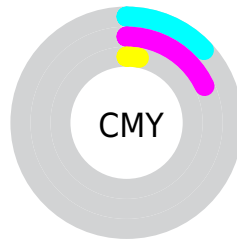
- Red (87%)
- Green (82%)
- Blue (97%)



- Red (87%)
- Yellow (82%)
- Blue (97%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6885, 0.2960, 0.2887 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 67.6885, 0.2960, 0.2887 by changing the saturation by 10% instead.

67.6885, 0.2960,
0.2887

67.6885, 0.2960,
0.2887

452.3916, 0.3040,
0.3071

49.6444, 0.2941,
0.2846

115.9064, 0.2988,
0.2950

35.1309, 0.2918,
0.2795

146.8490, 0.2999,
0.2975

23.7637, 0.2888,
0.2731

182.8598, 0.3008,
0.2997

15.1584, 0.2849,
0.2648

224.3232, 0.3016,
0.3015

8.9307, 0.2794,
0.2537

271.6238, 0.3023,
0.3032

4.6960, 0.2713,
0.2382

325.1457, 0.3029,

2.0700, 0.2584,

0.3046

0.2147

385.2735, 0.3035,
0.3059

0.6477, 0.2361,
0.1717

0.0000, 0.0000,
0.0000

67.6885, 0.2960,
0.2887

67.6885, 0.2960,
0.2887

53.9759, 0.2830,
0.2593

83.5522, 0.3073,
0.3156

42.3117, 0.2684,
0.2279

99.4541, 0.3172,
0.3367

32.5977, 0.2524,
0.1955

99.4930, 0.3174,
0.3367

24.7237, 0.2354,
0.1635

■ 18.5686, 0.2183,
0.1338

■ 13.9959, 0.2019,
0.1081

■ 10.8475, 0.1873,
0.0884

■ 8.9302, 0.1753,
0.0755

■ 8.3301, 0.1706,
0.0713

Harmonies

Analogous

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



67.6885, 0.2759, 0.2880



67.6885, 0.2960, 0.2887



67.6885, 0.3213, 0.2992

Triad

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



67.6885, 0.2960, 0.2887



67.6885, 0.3619, 0.3578



67.6885, 0.2807, 0.3407

Complementary

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



67.6885, 0.2960, 0.2887



88.7621, 0.3278, 0.3682

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.



67.6885, 0.3028, 0.3619



67.6885, 0.2960, 0.2887



67.6885, 0.3499, 0.3711

Square

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



67.6885, 0.2960, 0.2887



67.6885, 0.3602, 0.3380



67.6885, 0.3281, 0.3731



67.6885, 0.2674, 0.3169

Rectangle

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



67.6885, 0.2960, 0.2887



67.6885, 0.3378, 0.3103



67.6885, 0.3281, 0.3731



67.6885, 0.2873, 0.3485

Sweetspot

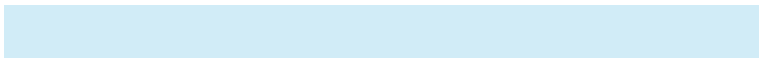
The Sweet Spot groups the original color and five complimentary colors.



67.6913, 0.2960, 0.2887



90.5155, 0.3077, 0.3166



80.0182, 0.2889, 0.3169



19.0992, 0.3069, 0.3148



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.



67.6913, 0.2960, 0.2887



68.6511, 0.2927, 0.2811



70.7364, 0.3090, 0.2903



16.1804, 0.3029, 0.3049



4.4736, 0.1721, 0.0722



0.4457, 0.1854, 0.0795

Inverse Universe

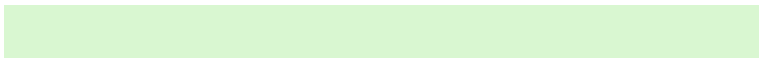
The Inverse Universe completely reimagines the original color for something new.



71.3723, 0.3228, 0.3026



73.2319, 0.3248, 0.2979



85.7933, 0.3157, 0.3697



16.6741, 0.3186, 0.3129



12.0008, 0.4206, 0.2091



1.0733, 0.4049, 0.2004

Previews

White Background



This preview shows how the Yxy color 67.6885, 0.2960, 0.2887 looks on a white background.

Color Contrast Check

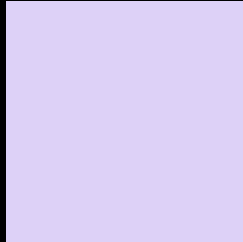
Large Text (above 18pt) WCAG AA × Fail

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 67.6885, 0.2960, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

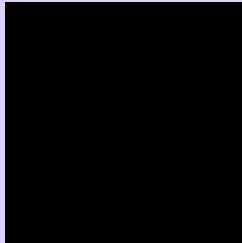
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6885, 0.2960, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 67.6885, 0.2960, 0.2887.



This preview shows how white text looks on a background with the Yxy color 67.6885, 0.2960, 0.2887.

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

67.6885, 0.2960, 0.2887

Protanopia

67.9005, 0.2854, 0.2890

Deuteranopia

67.5320, 0.2953, 0.2886



Tritanopia

67.6495, 0.3056, 0.3104

Trichromacy



Original Color

67.6885, 0.2960, 0.2887

Protanomaly

68.0727, 0.2893, 0.2893

Deuteranomaly

67.5320, 0.2953, 0.2886

Tritanomaly

67.7047, 0.3017, 0.3020

Monochromacy



Original Color

67.6885, 0.2960, 0.2887

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6000, 0.3062, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6885, 0.2960, 0.2887 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, 209, 247)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 247)  
}
```

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, 209, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 247) }
```

Border

The CSS property to change the border of an element to Yxy 67.6885, 0.2960, 0.2887 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, 209, 247) }
```

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

```
.border{ border-color:rgb(221, 209, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 209, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 209, 247); box-shadow:4px 4px 4px 4px rgb(221, 209, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6885, 0.2960, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 247) }
```

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

```
.background{ background-color: rgb(221,  
209, 247) }
```

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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