

Converting Colors

$Yxy(67.1554, 0.2892, 0.2877)$

Have a look what the booklet for
Yxy(67.1554, 0.2892, 0.2877)
contains.

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Color

Yxy(67.0789, 0.2892, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	D5D2F9
RGB	213, 210, 249
RGB Percent	84%, 82%, 98%
CMY	0.1650, 0.1764, 0.0236
CMYK	0.14, 0.16, 0.00, 0.02
HSL	244°, 76%, 90%
HSV	244°, 16%, 98%
XYZ	67.5696, 67.0789, 98.9945
YIQ	215.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

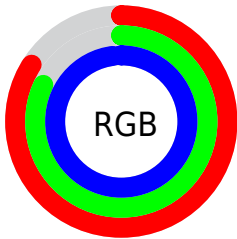
Format	Color
R _{YB}	213, 210, 249
Decimal	14013177
CIE Lab	85.54, 8.56, -18.68
CIE LCh	86, 20.544, 294.616
Yxy	67.0789, 0.2892, 0.2871
Android (android.graphics.Color)	4292203257 (0xFFD5D2F9)
YUV	215.3430, 16.5929, -2.0548
Hunter-Lab	81.9017, 3.9359, -14.3326

Details

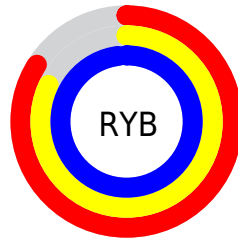
The Yxy color **67.0789, 0.2892, 0.2871** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.0024, 0.3343, 0.3682**, and the grayscale version is **68.0860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8963, 0.2831, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **52.5242, 0.2716, 0.2562**, and if you desaturate by 10%, it is **84.0412, 0.3048, 0.3148**.

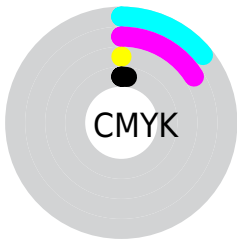
Distribution



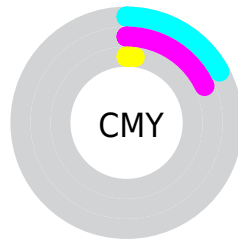
- Red (84%)
- Green (82%)
- Blue (98%)



- Red (84%)
- Yellow (82%)
- Blue (98%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0789, 0.2892, 0.2871 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 67.0789, 0.2892, 0.2871 by changing the saturation by 10% instead.

■ 67.0789, 0.2892,
0.2871

■ 67.0789, 0.2892,
0.2871

450.2256, 0.3003,
0.3063

■ 49.1487, 0.2866,
0.2828

115.0335, 0.2931,
0.2937

■ 34.7375, 0.2834,
0.2774

145.8267, 0.2946,
0.2963

■ 23.4607, 0.2793,
0.2707

181.6763, 0.2959,
0.2986

■ 14.9341, 0.2739,
0.2620

222.9669, 0.2970,
0.3005

■ 8.7731, 0.2665,
0.2504

270.0827, 0.2980,
0.3022

■ 4.5935, 0.2557,
0.2339

323.4081, 0.2988,

■ 2.0108, 0.2387,

0.3037

0.2091

383.3276, 0.2996,
0.3051

0.6137, 0.2100,
0.1626

0.0000, 0.0000,
0.0000

67.0789, 0.2892,
0.2871

67.0789, 0.2892,
0.2871

52.5242, 0.2716,
0.2562

84.0412, 0.3048,
0.3148

40.2600, 0.2522,
0.2226

99.6185, 0.3162,
0.3347

30.1721, 0.2317,
0.1875

22.1331, 0.2109,
0.1527

■ 16.0023, 0.1913,
0.1205

■ 11.6211, 0.1744,
0.0938

■ 8.8056, 0.1617,
0.0745

■ 7.3299, 0.1538,
0.0637

■ 6.9729, 0.1518,
0.0610

Harmonies

Analogous

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



67.0789, 0.2715, 0.2895



67.0789, 0.2892, 0.2871



67.0789, 0.3138, 0.2950

Triad

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



67.0789, 0.2892, 0.2871



67.0789, 0.3633, 0.3527



67.0789, 0.2862, 0.3476

Complementary

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



67.0789, 0.2892, 0.2871



92.0024, 0.3343, 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.



67.0789, 0.3100, 0.3667



67.0789, 0.2892, 0.2871



67.0789, 0.3550, 0.3686

Square

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



67.0789, 0.2892, 0.2871



67.0789, 0.3574, 0.3318



67.0789, 0.3353, 0.3742



67.0789, 0.2698, 0.3236

Rectangle

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



67.0789, 0.2892, 0.2871



67.0789, 0.3310, 0.3050



67.0789, 0.3353, 0.3742



67.0789, 0.2936, 0.3549

Sweetspot

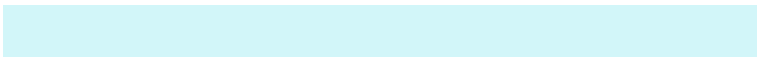
The Sweet Spot groups the original color and five complimentary colors.



67.0817, 0.2892, 0.2871



89.9638, 0.3057, 0.3165



86.6913, 0.2888, 0.3262



18.9655, 0.3047, 0.3147



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.



67.0817, 0.2892, 0.2871



65.3541, 0.2835, 0.2770



70.1182, 0.3025, 0.2887



16.7049, 0.2990, 0.3045



3.7552, 0.1523, 0.0613



0.3686, 0.1576, 0.0642

Inverse Universe

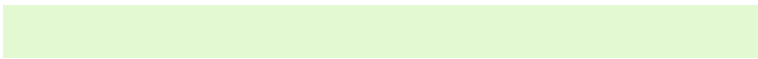
The Inverse Universe completely reimagines the original color for something new.



72.9018, 0.3165, 0.2930



72.6571, 0.3174, 0.2850



88.7119, 0.3216, 0.3698



17.5009, 0.3149, 0.3073



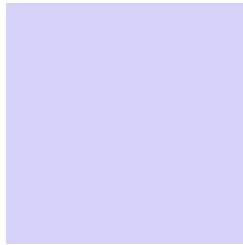
13.8604, 0.3406, 0.1650



1.2902, 0.3380, 0.1636

Previews

White Background



This preview shows how the Yxy color 67.0789, 0.2892, 0.2871 looks on a white background.

Color Contrast Check

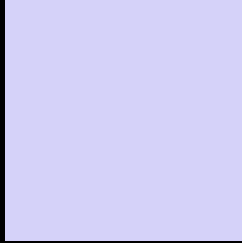
Large Text (above 18pt) WCAG AA × Fail

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 67.0789, 0.2892, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

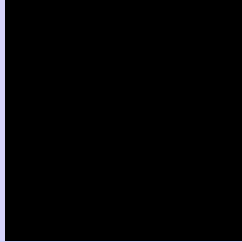
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0789, 0.2892, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 67.0789, 0.2892, 0.2871.



This preview shows how white text looks on a background with the Yxy color 67.0789, 0.2892, 0.2871.

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

67.0789, 0.2892, 0.2871

Protanopia

67.1109, 0.2840, 0.2877

Deuteranopia

67.1922, 0.2919, 0.2863



Tritanopia

67.0033, 0.2993, 0.3101

Trichromacy



Original Color

67.0789, 0.2892, 0.2871

Protanomaly

67.0460, 0.2860, 0.2868

Deuteranomaly

67.0394, 0.2913, 0.2862

Tritanomaly

67.0503, 0.2955, 0.3016

Monochromacy



Original Color

67.0789, 0.2892, 0.2871

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4307, 0.3041, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0789, 0.2892, 0.2871 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(213, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 249)  
}
```

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(213, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 249) }
```

Border

The CSS property to change the border of an element to Yxy 67.0789, 0.2892, 0.2871 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(213, 210, 249) }
```

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

```
.border{ border-color:rgb(213, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0789, 0.2892, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 249) }
```

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

```
.background{ background-color: rgb(213,  
210, 249) }
```

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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