

Converting Colors

$Yxy(70.9743, 0.2951, 0.2988)$

Have a look what the booklet for
Yxy(70.9743, 0.2951, 0.2988)
contains.

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Color

Yxy(71.1237, 0.2953, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	DAD9F5
RGB	218, 217, 245
RGB Percent	85%, 85%, 96%
CMY	0.1452, 0.1489, 0.0393
CMYK	0.11, 0.11, 0.00, 0.04
HSL	242°, 58%, 91%
HSV	242°, 11%, 96%
XYZ	70.1966, 71.1237, 96.3926
YIQ	220.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

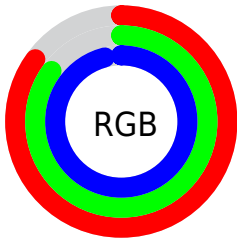
Format	Color
R _{YB}	218, 217, 245
Decimal	14342645
CIE _{Lab}	87.55, 5.64, -13.51
CIE _{LCh}	88, 14.644, 292.656
Yxy	71.1237, 0.2953, 0.2992
Android (android.graphics.Color)	4292532725 (0xFFDAD9F5)
YUV	220.4910, 12.0829, -2.1846
Hunter-Lab	84.3349, 0.9895, -8.7325

Details

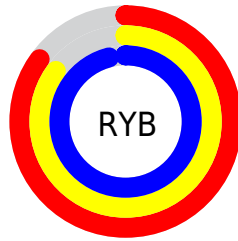
The Yxy color **71.1237, 0.2953, 0.2992** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.5373, 0.3291, 0.3573**, and the grayscale version is **71.8473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3013, 0.2909, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **56.0288, 0.2778, 0.2695**, and if you desaturate by 10%, it is **88.6199, 0.3107, 0.3256**.

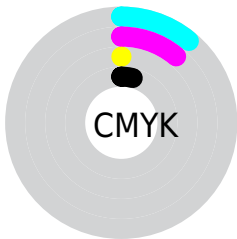
Distribution



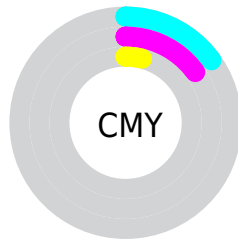
- Red (85%)
- Green (85%)
- Blue (96%)



- Red (85%)
- Yellow (85%)
- Blue (96%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1237, 0.2953, 0.2992 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 71.1237, 0.2953, 0.2992 by changing the saturation by 10% instead.

71.1237, 0.2953,
0.2992

71.1237, 0.2953,
0.2992

464.4857, 0.3034,
0.3128

52.4432, 0.2934,
0.2961

120.8098, 0.2981,
0.3039

37.3584, 0.2911,
0.2923

152.5842, 0.2992,
0.3057

25.4851, 0.2882,
0.2876

189.4920, 0.3002,
0.3073

16.4389, 0.2843,
0.2814

231.9176, 0.3010,
0.3087

9.8352, 0.2790,
0.2731

280.2454, 0.3017,
0.3099

5.2898, 0.2714,
0.2613

334.8597, 0.3024,

2.4183, 0.2594,

0.3110

0.2433

396.1450, 0.3029,
0.3120

0.8353, 0.2381,
0.2127

0.0000, 0.0000,
0.0000

71.1237, 0.2953,
0.2992

71.1237, 0.2953,
0.2992

56.0288, 0.2778,
0.2695

88.6199, 0.3107,
0.3256

43.2221, 0.2584,
0.2366

99.3710, 0.3185,
0.3386

32.5945, 0.2376,
0.2017

24.0249, 0.2163,
0.1661

■ 17.3799, 0.1958,
0.1322

■ 12.5109, 0.1777,
0.1027

■ 9.2472, 0.1637,
0.0802

■ 7.3847, 0.1546,
0.0662

■ 6.6446, 0.1507,
0.0604

Harmonies

Analogous

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



71.1237, 0.2831, 0.3016



71.1237, 0.2953, 0.2992



71.1237, 0.3124, 0.3043

Triad

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



71.1237, 0.2953, 0.2992



71.1237, 0.3480, 0.3451



71.1237, 0.2952, 0.3430

Complementary

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



71.1237, 0.2953, 0.2992



89.5373, 0.3291, 0.3573

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.



71.1237, 0.3122, 0.3556



71.1237, 0.2953, 0.2992



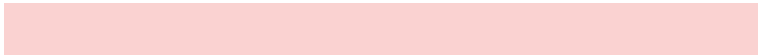
71.1237, 0.3429, 0.3563

Square

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



71.1237, 0.2953, 0.2992



71.1237, 0.3432, 0.3302



71.1237, 0.3297, 0.3604



71.1237, 0.2831, 0.3266

Rectangle

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



71.1237, 0.2953, 0.2992



71.1237, 0.3245, 0.3112



71.1237, 0.3297, 0.3604



71.1237, 0.3005, 0.3478

Sweetspot

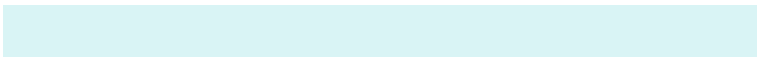
The Sweet Spot groups the original color and five complimentary colors.



71.1267, 0.2953, 0.2992



93.8410, 0.3084, 0.3216



86.0721, 0.2952, 0.3280



19.7424, 0.3072, 0.3195



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.



71.1267, 0.2953, 0.2992



73.3353, 0.2909, 0.2917



73.3701, 0.3049, 0.3001



15.9535, 0.2984, 0.3045



3.5923, 0.1510, 0.0606



0.3250, 0.1537, 0.0620

Inverse Universe

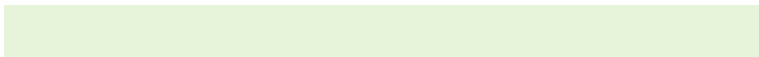
The Inverse Universe completely reimagines the original color for something new.



75.5763, 0.3147, 0.3018



79.2219, 0.3151, 0.2954



87.1333, 0.3198, 0.3581



16.7580, 0.3143, 0.3065



13.7464, 0.3296, 0.1589



1.2112, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 71.1237, 0.2953, 0.2992 looks on a white background.

Color Contrast Check

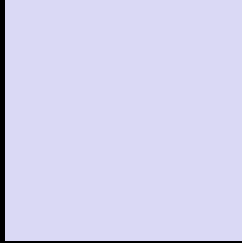
Large Text (above 18pt) WCAG AA × Fail

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 71.1237, 0.2953, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

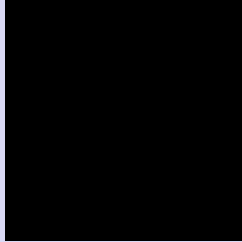
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1237, 0.2953, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 71.1237, 0.2953, 0.2992.

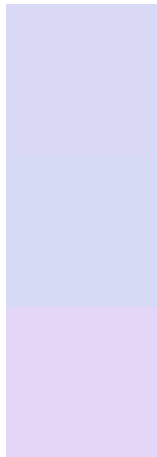


This preview shows how white text looks on a background with the Yxy color 71.1237, 0.2953, 0.2992.

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

71.1237, 0.2953, 0.2992

Protanopia

71.1825, 0.2933, 0.3001

Deuteranopia

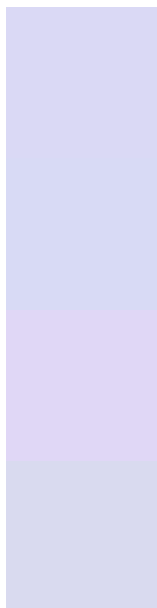
71.2409, 0.3015, 0.2956



Tritanopia

71.3181, 0.2996, 0.3106

Trichromacy



Original Color

71.1237, 0.2953, 0.2992

Protanomaly

71.3343, 0.2940, 0.3001

Deuteranomaly

71.1020, 0.2988, 0.2964

Tritanomaly

71.1265, 0.2984, 0.3064

Monochromacy



Original Color

71.1237, 0.2953, 0.2992

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3802, 0.3062, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1237, 0.2953, 0.2992 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, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 245)  
}
```

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, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.1237, 0.2953, 0.2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

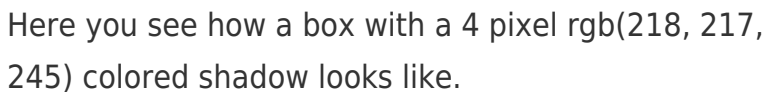
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 217, 245) }
```

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

```
.border{ border-color:rgb(218, 217, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 217, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 217, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 217, 245); box-shadow:4px 4px 4px 4px rgb(218, 217, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1237, 0.2953, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 245) }
```

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

```
.background{ background-color: rgb(218,  
217, 245) }
```

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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