

Converting Colors

$Yxy(71.7568, 0.2958, 0.2967)$

Have a look what the booklet for
Yxy(71.7568, 0.2958, 0.2967)
contains.

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Color

Yxy(71.7752, 0.2955, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	DDD9F8
RGB	221, 217, 248
RGB Percent	87%, 85%, 97%
CMY	0.1332, 0.1490, 0.0275
CMYK	0.11, 0.12, 0.00, 0.03
HSL	248°, 69%, 91%
HSV	248°, 12%, 97%
XYZ	71.5814, 71.7752, 98.8817
YIQ	221.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

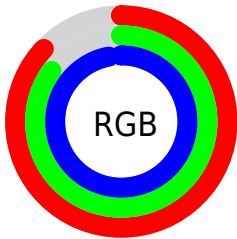
Format	Color
R _Y B	221, 217, 248
Decimal	14539256
CIE Lab	87.86, 7.23, -14.61
CIE LCh	88, 16.303, 296.346
Yxy	71.7752, 0.2955, 0.2963
Android (android.graphics.Color)	4292729336 (0xFFDDD9F8)
YUV	221.7300, 12.9511, -0.6402
Hunter-Lab	84.7202, 2.5569, -9.8965

Details

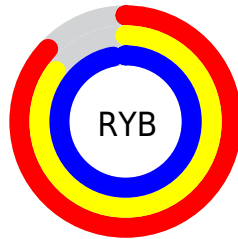
The Yxy color **71.7752, 0.2955, 0.2963** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.3652, 0.3288, 0.3602**, and the grayscale version is **72.7623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7534, 0.2912, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **56.7687, 0.2795, 0.2666**, and if you desaturate by 10%, it is **89.1435, 0.3095, 0.3229**.

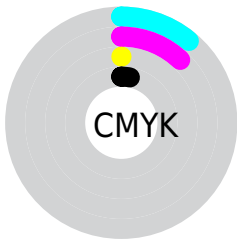
Distribution



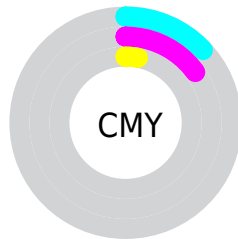
- Red (87%)
- Green (85%)
- Blue (97%)



- Red (87%)
- Yellow (85%)
- Blue (97%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7752, 0.2955, 0.2963 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 71.7752, 0.2955, 0.2963 by changing the saturation by 10% instead.

■ 71.7752, 0.2955,
0.2963

■ 71.7752, 0.2955,
0.2963

466.7588, 0.3035,
0.3112

■ 52.9751, 0.2936,
0.2930

121.7369, 0.2983,
0.3014

■ 37.7829, 0.2914,
0.2888

153.6672, 0.2994,
0.3034

■ 25.8142, 0.2884,
0.2837

190.7430, 0.3003,
0.3052

■ 16.6847, 0.2846,
0.2770

233.3488, 0.3011,
0.3067

■ 10.0099, 0.2794,
0.2681

281.8688, 0.3018,
0.3080

■ 5.4056, 0.2718,
0.2555

336.6876, 0.3025,

■ 2.4871, 0.2600,

0.3092

0.2366

398.1894, 0.3030,
0.3103

■ 0.8702, 0.2391,
0.2051

■ 0.0000, 0.0000,
0.0000

■ 71.7752, 0.2955,
0.2963

■ 71.7752, 0.2955,
0.2963

■ 56.7687, 0.2795,
0.2666

■ 89.1435, 0.3095,
0.3229

■ 44.0132, 0.2617,
0.2343

■ 99.5569, 0.3168,
0.3357

■ 33.4024, 0.2424,
0.2000

■ 24.8177, 0.2223,
0.1654

■ 18.1292, 0.2026,
0.1327

■ 13.1916, 0.1847,
0.1041

■ 9.8383, 0.1698,
0.0821

■ 7.8697, 0.1592,
0.0681

■ 7.0890, 0.1541,
0.0622

Harmonies

Analogous

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



71.7752, 0.2811, 0.2979



71.7752, 0.2955, 0.2963



71.7752, 0.3149, 0.3029

Triad

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



71.7752, 0.2955, 0.2963



71.7752, 0.3518, 0.3486



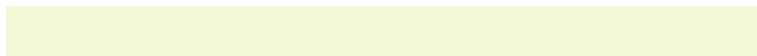
71.7752, 0.2912, 0.3424

Complementary

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



71.7752, 0.2955, 0.2963



91.3652, 0.3288, 0.3602

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.



71.7752, 0.3096, 0.3573



71.7752, 0.2955, 0.2963



71.7752, 0.3449, 0.3603

Square

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



71.7752, 0.2955, 0.2963



71.7752, 0.3479, 0.3324



71.7752, 0.3293, 0.3638



71.7752, 0.2788, 0.3240

Rectangle

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



71.7752, 0.2955, 0.2963



71.7752, 0.3281, 0.3110



71.7752, 0.3293, 0.3638



71.7752, 0.2969, 0.3480

Sweetspot

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



71.7782, 0.2955, 0.2963



92.0201, 0.3075, 0.3191



86.4565, 0.2935, 0.3252



19.3849, 0.3065, 0.3171



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.



71.7782, 0.2955, 0.2963



72.2046, 0.2917, 0.2891



74.2524, 0.3058, 0.2973



16.7514, 0.2999, 0.3046



3.8626, 0.1549, 0.0627



0.3905, 0.1632, 0.0673

Inverse Universe

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



76.1078, 0.3169, 0.3020



77.6600, 0.3178, 0.2965



88.7783, 0.3188, 0.3612



17.4834, 0.3158, 0.3086



13.4648, 0.3569, 0.1740



1.2576, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 71.7752, 0.2955, 0.2963 looks on a white background.

Color Contrast Check

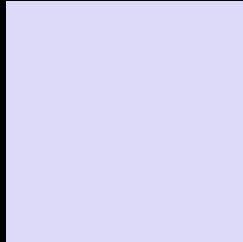
Large Text (above 18pt) WCAG AA × Fail

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 71.7752, 0.2955, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

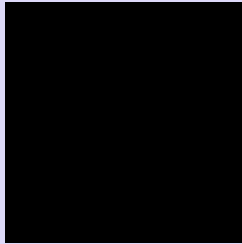
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7752, 0.2955, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 71.7752, 0.2955, 0.2963.

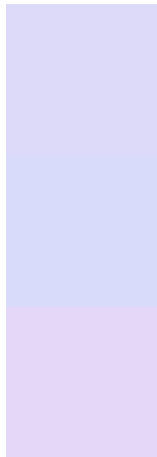


This preview shows how white text looks on a background with the Yxy color 71.7752, 0.2955, 0.2963.

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

71.7752, 0.2955, 0.2963

Protanopia

72.1015, 0.2916, 0.2971

Deuteranopia

71.8722, 0.3002, 0.2946



Tritanopia

71.7792, 0.3017, 0.3107

Trichromacy



Original Color

71.7752, 0.2955, 0.2963

Protanomaly

71.8878, 0.2929, 0.2962

Deuteranomaly

71.8966, 0.2982, 0.2955

Tritanomaly

71.6497, 0.2998, 0.3055

Monochromacy



Original Color

71.7752, 0.2955, 0.2963

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4855, 0.3069, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7752, 0.2955, 0.2963 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, 217, 248)` looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 248)  
}
```

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, 217, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 248) }
```

Border

The CSS property to change the border of an element to Yxy 71.7752, 0.2955, 0.2963 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, 217, 248) }
```

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

```
.border{ border-color:rgb(221, 217, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 217, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 217, 248); box-shadow:4px 4px 4px 4px rgb(221, 217, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7752, 0.2955, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 248) }
```

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

```
.background{ background-color: rgb(221,  
217, 248) }
```

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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