

Converting Colors

$Y_{xy}(71.5212, 0.2960, 0.2976)$

Have a look what the booklet for
Yxy(71.5212, 0.2960, 0.2976)
contains.

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Color

Yxy(71.5568, 0.2954, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9F7
RGB	220, 217, 247
RGB Percent	86%, 85%, 97%
CMY	0.1372, 0.1490, 0.0312
CMYK	0.11, 0.12, 0.00, 0.03
HSL	246°, 65%, 91%
HSV	246°, 12%, 97%
XYZ	71.1234, 71.5568, 98.0896
YIQ	221.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

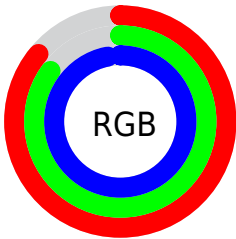
Format	Color
R _Y B	220, 217, 247
Decimal	14473719
CIE Lab	87.75, 6.72, -14.27
CIE LCh	88, 15.774, 295.203
Yxy	71.5568, 0.2954, 0.2972
Android (android.graphics.Color)	4292663799 (0xFFDCD9F7)
YUV	221.3170, 12.6617, -1.1550
Hunter-Lab	84.5913, 2.0462, -9.5371

Details

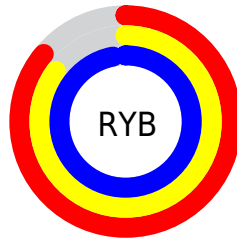
The Yxy color **71.5568, 0.2954, 0.2972** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.7929, 0.3289, 0.3593**, and the grayscale version is **72.4580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6016, 0.2911, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **56.5230, 0.2790, 0.2675**, and if you desaturate by 10%, it is **88.9638, 0.3099, 0.3237**.

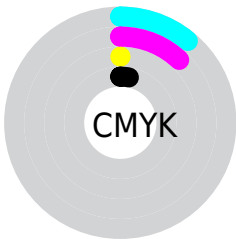
Distribution



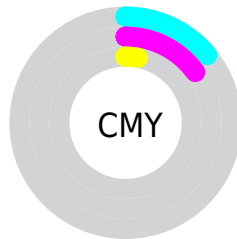
- Red (86%)
- Green (85%)
- Blue (97%)



- Red (86%)
- Yellow (85%)
- Blue (97%)



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



- Cyan (14%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5568, 0.2954, 0.2972 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 71.5568, 0.2954, 0.2972 by changing the saturation by 10% instead.

71.5568, 0.2954,
0.2972

71.5568, 0.2954,
0.2972

465.9975, 0.3035,
0.3117

52.7967, 0.2935,
0.2939

121.4262, 0.2982,
0.3022

37.6405, 0.2912,
0.2899

153.3043, 0.2993,
0.3042

25.7038, 0.2883,
0.2849

190.3239, 0.3002,
0.3058

16.6022, 0.2845,
0.2784

232.8693, 0.3011,
0.3073

9.9513, 0.2792,
0.2696

281.3250, 0.3018,
0.3086

5.3667, 0.2716,
0.2573

336.0753, 0.3024,

2.4640, 0.2597,

0.3098

0.2386

397.5047, 0.3030,
0.3108

0.8585, 0.2386,
0.2074

0.0000, 0.0000,
0.0000

71.5568, 0.2954,
0.2972

71.5568, 0.2954,
0.2972

56.5230, 0.2790,
0.2675

88.9638, 0.3099,
0.3237

43.7509, 0.2606,
0.2350

99.4978, 0.3173,
0.3366

33.1335, 0.2408,
0.2005

24.5517, 0.2204,
0.1656

■ 17.8746, 0.2004,
0.1324

■ 12.9562, 0.1823,
0.1036

■ 9.6290, 0.1677,
0.0814

■ 7.6927, 0.1575,
0.0673

■ 6.9218, 0.1527,
0.0615

Harmonies

Analogous

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



71.5568, 0.2817, 0.2991



71.5568, 0.2954, 0.2972



71.5568, 0.3141, 0.3033

Triad

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



71.5568, 0.2954, 0.2972



71.5568, 0.3506, 0.3475



71.5568, 0.2925, 0.3426

Complementary

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



71.5568, 0.2954, 0.2972



90.7929, 0.3289, 0.3593

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.



71.5568, 0.3105, 0.3568



71.5568, 0.2954, 0.2972



71.5568, 0.3443, 0.3590

Square

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



71.5568, 0.2954, 0.2972



71.5568, 0.3464, 0.3317



71.5568, 0.3295, 0.3627



71.5568, 0.2801, 0.3248

Rectangle

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



71.5568, 0.2954, 0.2972



71.5568, 0.3269, 0.3110



71.5568, 0.3295, 0.3627



71.5568, 0.2981, 0.3480

Sweetspot

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



71.5598, 0.2954, 0.2972



91.9648, 0.3073, 0.3191



86.1917, 0.2940, 0.3258



19.3709, 0.3063, 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.



71.5598, 0.2954, 0.2972



72.0244, 0.2909, 0.2890



74.0084, 0.3057, 0.2982



16.0062, 0.2995, 0.3046



3.6868, 0.1534, 0.0619



0.3501, 0.1606, 0.0658

Inverse Universe

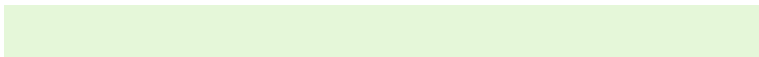
The Inverse Universe completely reimagines the original color for something new.



75.9390, 0.3161, 0.3019



77.7322, 0.3170, 0.2954



88.2156, 0.3190, 0.3602



16.7380, 0.3153, 0.3080



13.2655, 0.3479, 0.1690



1.1740, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 71.5568, 0.2954, 0.2972 looks on a white background.

Color Contrast Check

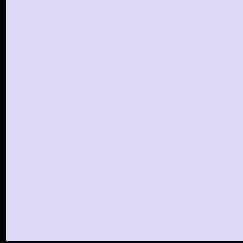
Large Text (above 18pt) WCAG AA × Fail

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 71.5568, 0.2954, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

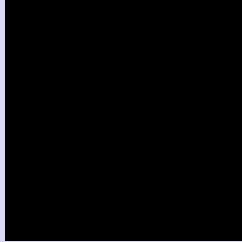
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5568, 0.2954, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 71.5568, 0.2954, 0.2972.



This preview shows how white text looks on a background with the Yxy color 71.5568, 0.2954, 0.2972.

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

71.5568, 0.2954, 0.2972

Protanopia

71.5190, 0.2921, 0.2971

Deuteranopia

71.3644, 0.3002, 0.2936



Tritanopia

71.6246, 0.3010, 0.3107

Trichromacy



Original Color

71.5568, 0.2954, 0.2972

Protanomaly

71.6718, 0.2928, 0.2971

Deuteranomaly

71.3857, 0.2982, 0.2944

Tritanomaly

71.4941, 0.2991, 0.3055

Monochromacy



Original Color

71.5568, 0.2954, 0.2972

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2717, 0.3069, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5568, 0.2954, 0.2972 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(220, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 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(220, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.5568, 0.2954, 0.2972 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(220, 217, 247) }
```

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

```
.border{ border-color:rgb(220, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5568, 0.2954, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 247) }
```

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

```
.background{ background-color: rgb(220,  
217, 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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