

Converting Colors

$Y_{xy}(74.3281, 0.2942, 0.2897)$

Have a look what the booklet for
Yxy(74.3281, 0.2942, 0.2897)
contains.

Yxy(74.2139, 0.2952, 0.2919)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2139, 0.2952, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	E3DBFF
RGB	227, 219, 255
RGB Percent	89%, 86%, 100%
CMY	0.1099, 0.1411, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	253°, 100%, 93%
HSV	253°, 14%, 100%
XYZ	75.0529, 74.2139, 104.9775
YIQ	225.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

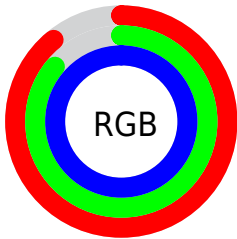
Format	Color
R _Y B	227, 219, 255
Decimal	14932991
CIE Lab	89.02, 9.46, -16.50
CIE LCh	89, 19.023, 299.818
Yxy	74.2139, 0.2952, 0.2919
Android (android.graphics.Color)	4293123071 (0xFFE3DBFF)
YUV	225.4960, 14.5455, 1.3190
Hunter-Lab	86.1475, 4.7536, -11.9463

Details

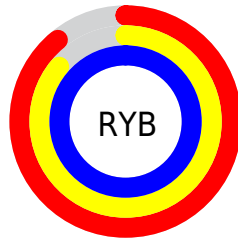
The Yxy color **74.2139, 0.2952, 0.2919** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.4173, 0.3288, 0.3647**, and the grayscale version is **75.5667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2861, 0.2908, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **58.8690, 0.2806, 0.2622**, and if you desaturate by 10%, it is **91.9753, 0.3080, 0.3188**.

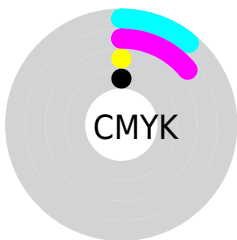
Distribution



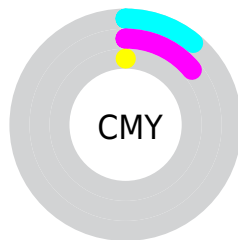
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2139, 0.2952, 0.2919 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 74.2139, 0.2952, 0.2919 by changing the saturation by 10% instead.

74.2139, 0.2952,
0.2919

74.2139, 0.2952,
0.2919

475.2113, 0.3034,
0.3086

54.9691, 0.2933,
0.2882

125.1990, 0.2980,
0.2976

39.3770, 0.2910,
0.2836

157.7081, 0.2991,
0.2999

27.0531, 0.2881,
0.2780

195.4074, 0.3001,
0.3018

17.6131, 0.2842,
0.2707

238.6813, 0.3009,
0.3035

10.6726, 0.2790,
0.2611

287.9143, 0.3016,
0.3050

5.8471, 0.2715,
0.2477

343.4907, 0.3023,

2.7524, 0.2599,

0.3064

0.2279

405.7949, 0.3029,
0.3076

■ 1.0039, 0.2398,
0.1961

■ 0.0000, 0.1099,
0.0000

■ 74.2139, 0.2952,
0.2919

■ 74.2139, 0.2952,
0.2919

■ 58.8690, 0.2806,
0.2622

■ 91.9753, 0.3080,
0.3188

■ 45.8267, 0.2642,
0.2302

100.0000, 0.3127,
0.3290

■ 34.9771, 0.2464,
0.1967

■ 26.1976, 0.2277,
0.1632

■ 19.3535, 0.2091,
0.1319

■ 14.2938, 0.1917,
0.1048

■ 10.8442, 0.1768,
0.0839

■ 8.7938, 0.1654,
0.0706

■ 8.0718, 0.1603,
0.0657

Harmonies

Analogous

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



74.2139, 0.2779, 0.2924



74.2139, 0.2952, 0.2919



74.2139, 0.3178, 0.3004

Triad

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



74.2139, 0.2952, 0.2919



74.2139, 0.3576, 0.3533



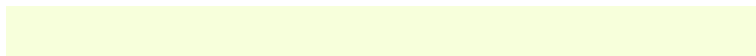
74.2139, 0.2858, 0.3421

Complementary

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



74.2139, 0.2952, 0.2919



96.4173, 0.3288, 0.3647

Split Complementary

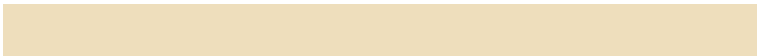
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2139, 0.3064, 0.3602



74.2139, 0.2952, 0.2919



74.2139, 0.3481, 0.3661

Square

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



74.2139, 0.2952, 0.2919



74.2139, 0.3545, 0.3350



74.2139, 0.3293, 0.3691



74.2139, 0.2726, 0.3206

Rectangle

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



74.2139, 0.2952, 0.2919



74.2139, 0.3329, 0.3102



74.2139, 0.3293, 0.3691



74.2139, 0.2921, 0.3488

Sweetspot

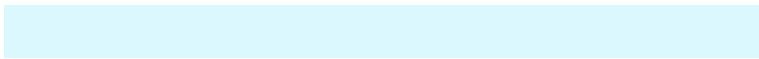
The Sweet Spot groups the original color and five complimentary colors.



74.2169, 0.2952, 0.2919



92.1881, 0.3081, 0.3191



88.9282, 0.2909, 0.3210



19.4272, 0.3072, 0.3172



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.



74.2169, 0.2952, 0.2919



69.5412, 0.2912, 0.2836



77.2679, 0.3073, 0.2932



17.5714, 0.3013, 0.3047



4.2709, 0.1615, 0.0663



0.4615, 0.1718, 0.0720

Inverse Universe

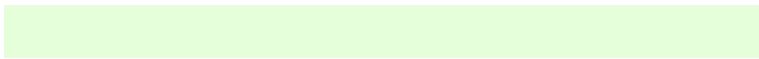
The Inverse Universe completely reimagines the original color for something new.



78.6487, 0.3196, 0.3015



74.7901, 0.3212, 0.2957



93.3279, 0.3173, 0.3659



18.2276, 0.3172, 0.3107



13.2776, 0.3864, 0.1902



1.3089, 0.3774, 0.1852

Previews

White Background



This preview shows how the Yxy color 74.2139, 0.2952, 0.2919 looks on a white background.

Color Contrast Check

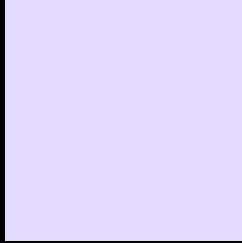
Large Text (above 18pt) WCAG AA × Fail

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 74.2139, 0.2952, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

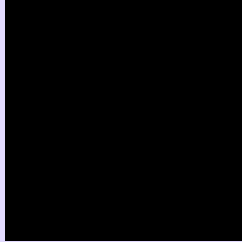
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2139, 0.2952, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 74.2139, 0.2952, 0.2919.

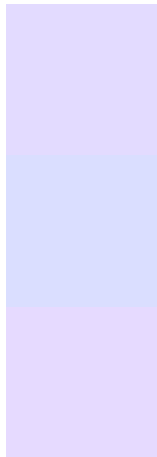


This preview shows how white text looks on a background with the Yxy color 74.2139, 0.2952, 0.2919.

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

74.2139, 0.2952, 0.2919

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

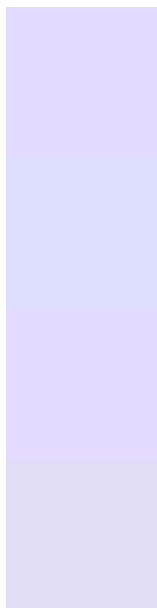
74.1858, 0.2972, 0.2911



Tritanopia

74.3218, 0.3032, 0.3110

Trichromacy



Original Color

74.2139, 0.2952, 0.2919

Protanomaly

74.3051, 0.2913, 0.2936

Deuteranomaly

74.0208, 0.2965, 0.2910

Tritanomaly

74.3130, 0.3001, 0.3039

Monochromacy



Original Color

74.2139, 0.2952, 0.2919

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0002, 0.3064, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2139, 0.2952, 0.2919 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(227, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 255)  
}
```

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(227, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.2139, 0.2952, 0.2919 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(227, 219, 255) }
```

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

```
.border{ border-color:rgb(227, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2139, 0.2952, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 255) }
```

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

```
.background{ background-color: rgb(227,  
219, 255) }
```

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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