

Converting Colors

$Y_{xy}(75.8127, 0.2951, 0.2960)$

Have a look what the booklet for
Yxy(75.8127, 0.2951, 0.2960)
contains.

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Color

Yxy(75.5671, 0.2952, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	E2DEFE
RGB	226, 222, 254
RGB Percent	89%, 87%, 100%
CMY	0.1139, 0.1293, 0.0040
CMYK	0.11, 0.13, 0.00, 0.00
HSL	247°, 94%, 93%
HSV	247°, 13%, 100%
XYZ	75.3629, 75.5671, 104.3643
YIQ	226.8440, -7.8880, 10.8000

Conversions

Conversions Part 2

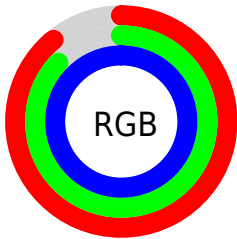
Format	Color
R _Y B	226, 222, 254
Decimal	14868222
CIE Lab	89.66, 7.36, -15.03
CIE LCh	90, 16.731, 296.096
Yxy	75.5671, 0.2952, 0.2960
Android (android.graphics.Color)	4293058302 (0xFFE2DEFE)
YUV	226.8440, 13.3879, -0.7402
Hunter-Lab	86.9293, 2.6232, -10.3309

Details

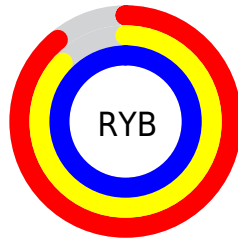
The Yxy color $75.5671, 0.2952, 0.2960$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.4794, 0.3290, 0.3605$, and the grayscale version is $76.5998, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3266, 0.2917, 0.2891$ is the 20% darker color. If you saturate the color by 10%, you get $59.7098, 0.2791, 0.2662$, and if you desaturate by 10%, it is $93.9303, 0.3094, 0.3226$.

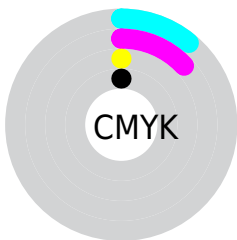
Distribution



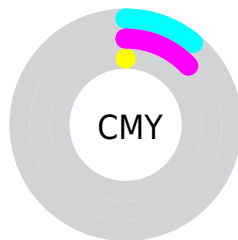
- Red (89%)
- Green (87%)
- Blue (100%)



- Red (89%)
- Yellow (87%)
- Blue (100%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5671, 0.2952, 0.2960 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 75.5671, 0.2952, 0.2960 by changing the saturation by 10% instead.

75.5671, 0.2952,
0.2960

75.5671, 0.2952,
0.2960

479.8645, 0.3033,
0.3109

56.0776, 0.2934,
0.2927

127.1148, 0.2980,
0.3011

40.2651, 0.2911,
0.2886

159.9418, 0.2991,
0.3031

27.7453, 0.2882,
0.2836

197.9834, 0.3000,
0.3048

18.1338, 0.2844,
0.2771

241.6240, 0.3009,
0.3064

11.0461, 0.2794,
0.2684

291.2480, 0.3016,
0.3077

6.0978, 0.2721,
0.2564

347.2399, 0.3022,

2.9047, 0.2609,

0.3089

0.2386

409.9839, 0.3028,
0.3099

■ 1.0822, 0.2417,
0.2096

■ 0.0000, 0.1245,
0.0000

■ 75.5671, 0.2952,
0.2960

■ 75.5671, 0.2952,
0.2960

■ 59.7098, 0.2791,
0.2662

■ 93.9303, 0.3094,
0.3226

■ 46.2406, 0.2611,
0.2337

99.9347, 0.3133,
0.3300

■ 35.0461, 0.2416,
0.1994

■ 26.0001, 0.2214,
0.1647

■ 18.9640, 0.2016,
0.1318

■ 13.7829, 0.1837,
0.1033

■ 10.2791, 0.1690,
0.0814

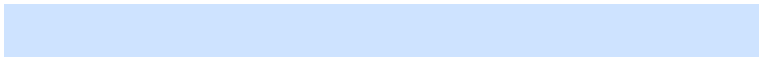
■ 8.2391, 0.1586,
0.0676

■ 7.4510, 0.1537,
0.0620

Harmonies

Analogous

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



75.5671, 0.2808, 0.2976



75.5671, 0.2952, 0.2960



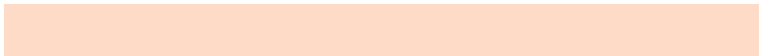
75.5671, 0.3147, 0.3026

Triad

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



75.5671, 0.2952, 0.2960



75.5671, 0.3521, 0.3486



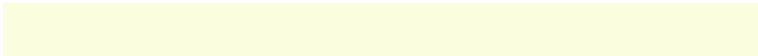
75.5671, 0.2912, 0.3427

Complementary

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



75.5671, 0.2952, 0.2960



96.4794, 0.3290, 0.3605

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.



75.5671, 0.3098, 0.3576



75.5671, 0.2952, 0.2960



75.5671, 0.3452, 0.3605

Square

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



75.5671, 0.2952, 0.2960



75.5671, 0.3481, 0.3322



75.5671, 0.3296, 0.3641



75.5671, 0.2785, 0.3241

Rectangle

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



75.5671, 0.2952, 0.2960



75.5671, 0.3281, 0.3107



75.5671, 0.3296, 0.3641



75.5671, 0.2969, 0.3483

Sweetspot

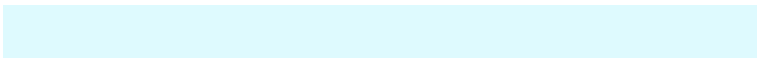
The Sweet Spot groups the original color and five complimentary colors.



75.5703, 0.2952, 0.2960



92.0072, 0.3075, 0.3191



91.2165, 0.2933, 0.3252



19.3816, 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.



75.5703, 0.2952, 0.2960



72.1625, 0.2915, 0.2891



78.2373, 0.3058, 0.2970



17.4850, 0.2998, 0.3045



3.9617, 0.1544, 0.0624



0.4181, 0.1620, 0.0666

Inverse Universe

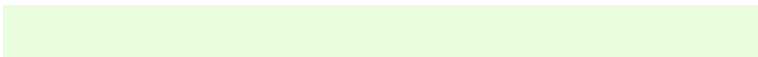
The Inverse Universe completely reimagines the original color for something new.



80.2254, 0.3167, 0.3016



77.6768, 0.3176, 0.2962



93.6864, 0.3189, 0.3615



18.2595, 0.3157, 0.3084



13.9235, 0.3548, 0.1728



1.3661, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 75.5671, 0.2952, 0.2960 looks on a white background.

Color Contrast Check

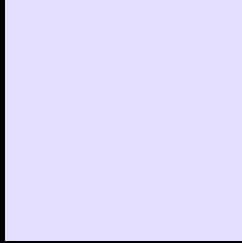
Large Text (above 18pt) WCAG AA × Fail

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 75.5671, 0.2952, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

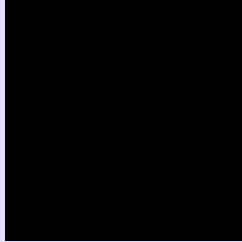
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5671, 0.2952, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 75.5671, 0.2952, 0.2960.

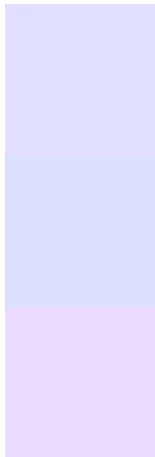


This preview shows how white text looks on a background with the Yxy color 75.5671, 0.2952, 0.2960.

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

75.5671, 0.2952, 0.2960

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

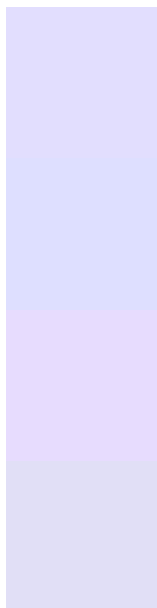
75.3112, 0.3006, 0.2934



Tritanopia

75.5694, 0.3013, 0.3101

Trichromacy



Original Color

75.5671, 0.2952, 0.2960

Protanomaly

75.5249, 0.2920, 0.2958

Deuteranomaly

75.3311, 0.2985, 0.2942

Tritanomaly

75.4367, 0.2995, 0.3050

Monochromacy



Original Color

75.5671, 0.2952, 0.2960

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2957, 0.3064, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5671, 0.2952, 0.2960 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(226, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 254)  
}
```

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(226, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 254) }
```

Border

The CSS property to change the border of an element to Yxy 75.5671, 0.2952, 0.2960 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(226, 222, 254) }
```

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

```
.border{ border-color:rgb(226, 222, 254) }
```

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

Here you see how a box with a 4 pixel rgb(226, 222, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5671, 0.2952, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 254) }
```

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

```
.background{ background-color: rgb(226,  
222, 254) }
```

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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