

Converting Colors

$Yxy(75.8748, 0.2952, 0.2980)$

Have a look what the booklet for
Yxy(75.8748, 0.2952, 0.2980)
contains.

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Color

Yxy(75.8748, 0.2952, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFFD
RGB	225, 223, 253
RGB Percent	88%, 87%, 99%
CMY	0.1177, 0.1254, 0.0080
CMYK	0.11, 0.12, 0.00, 0.01
HSL	244°, 88%, 93%
HSV	244°, 12%, 99%
XYZ	75.1619, 75.8748, 103.5767
YIQ	227.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

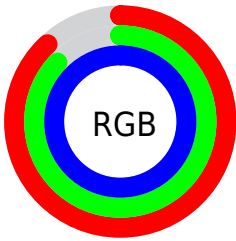
Format	Color
R _Y B	225, 223, 253
Decimal	14802941
CIE Lab	89.80, 6.33, -14.28
CIE LCh	90, 15.621, 293.907
Yxy	75.8748, 0.2952, 0.2980
Android (android.graphics.Color)	4292993021 (0xFFE1DFFD)
YUV	227.0180, 12.8091, -1.7698
Hunter-Lab	87.1061, 1.5878, -9.5266

Details

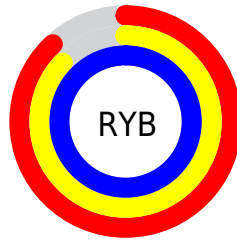
The Yxy color **75.8748, 0.2952, 0.2980** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.0574, 0.3292, 0.3585**, and the grayscale version is **76.7398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5368, 0.2917, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **59.8175, 0.2782, 0.2682**, and if you desaturate by 10%, it is **94.4828, 0.3102, 0.3245**.

Distribution



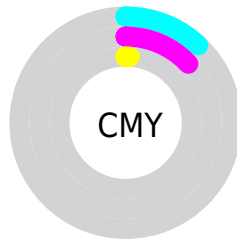
- Red (88%)
- Green (87%)
- Blue (99%)



- Red (88%)
- Yellow (87%)
- Blue (99%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)





- Cyan (12%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8748, 0.2952, 0.2980 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 75.8748, 0.2952, 0.2980 by changing the saturation by 10% instead.

 75.8748, 0.2952,
0.2980

 75.8748, 0.2952,
0.2980


480.9190, 0.3033,
0.3120

 56.3299, 0.2934,
0.2949


127.5499, 0.2980,
0.3028

 40.4674, 0.2911,
0.2911


160.4489, 0.2991,
0.3047

 27.9032, 0.2882,
0.2863


198.5679, 0.3000,
0.3063

 18.2527, 0.2845,
0.2802

242.2915, 0.3008,
0.3077

 11.1316, 0.2795,
0.2720

292.0041, 0.3016,
0.3090

 6.1554, 0.2723,
0.2606

348.0899, 0.3022,

 2.9398, 0.2612,

0.3101

0.2436

410.9334, 0.3028,
0.3111

■ 1.1004, 0.2423,
0.2159

■ 0.0000, 0.1206,
0.0000

■ 75.8748, 0.2952,
0.2980

■ 75.8748, 0.2952,
0.2980

■ 59.8175, 0.2782,
0.2682

■ 94.4828, 0.3102,
0.3245

■ 46.1908, 0.2593,
0.2355

99.8692, 0.3139,
0.3309

■ 34.8789, 0.2389,
0.2006

■ 25.7531, 0.2179,
0.1653

■ 18.6720, 0.1976,
0.1318

■ 13.4776, 0.1796,
0.1026

■ 9.9887, 0.1653,
0.0804

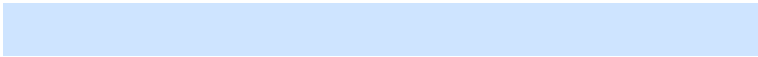
■ 7.9884, 0.1558,
0.0665

■ 7.2062, 0.1515,
0.0608

Harmonies

Analogous

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



75.8748, 0.2822, 0.3002



75.8748, 0.2952, 0.2980



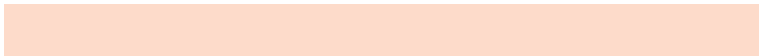
75.8748, 0.3132, 0.3036

Triad

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



75.8748, 0.2952, 0.2980



75.8748, 0.3495, 0.3464



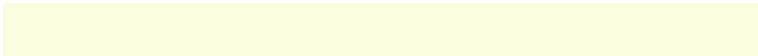
75.8748, 0.2938, 0.3429

Complementary

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



75.8748, 0.2952, 0.2980



96.0574, 0.3292, 0.3585

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.



75.8748, 0.3114, 0.3564



75.8748, 0.2952, 0.2980



75.8748, 0.3438, 0.3578

Square

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



75.8748, 0.2952, 0.2980



75.8748, 0.3450, 0.3309



75.8748, 0.3297, 0.3618



75.8748, 0.2814, 0.3257

Rectangle

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



75.8748, 0.2952, 0.2980



75.8748, 0.3257, 0.3110



75.8748, 0.3297, 0.3618



75.8748, 0.2992, 0.3481

Sweetspot

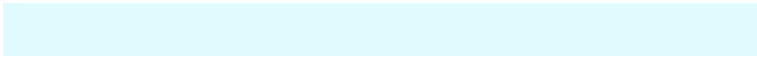
The Sweet Spot groups the original color and five complimentary colors.



75.8780, 0.2952, 0.2980



91.9020, 0.3071, 0.3190



92.0621, 0.2945, 0.3274



19.3551, 0.3060, 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.



75.8780, 0.2952, 0.2980



73.5166, 0.2917, 0.2918



78.3059, 0.3049, 0.2989



17.4352, 0.2989, 0.3045



3.8557, 0.1520, 0.0611



0.3946, 0.1565, 0.0636

Inverse Universe

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



80.6201, 0.3154, 0.3016



79.1483, 0.3159, 0.2965



93.4694, 0.3198, 0.3593



18.2784, 0.3148, 0.3071



14.3464, 0.3383, 0.1637



1.4029, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 75.8748, 0.2952, 0.2980 looks on a white background.

Color Contrast Check

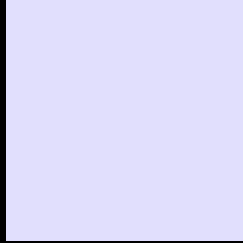
Large Text (above 18pt) WCAG AA × Fail

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 75.8748, 0.2952, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

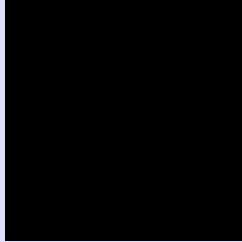
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8748, 0.2952, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 75.8748, 0.2952, 0.2980.



This preview shows how white text looks on a background with the Yxy color 75.8748, 0.2952, 0.2980.

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

75.8748, 0.2952, 0.2980

Protanopia

75.8392, 0.2920, 0.2978

Deuteranopia

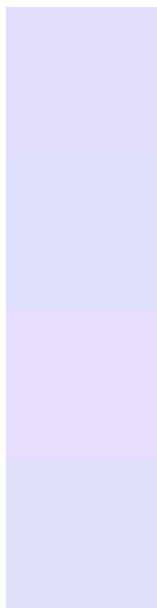
76.0043, 0.3012, 0.2945



Tritanopia

76.0095, 0.3000, 0.3101

Trichromacy



Original Color

75.8748, 0.2952, 0.2980

Protanomaly

75.9967, 0.2926, 0.2978

Deuteranomaly

75.8576, 0.2985, 0.2953

Tritanomaly

75.8740, 0.2982, 0.3050

Monochromacy



Original Color

75.8748, 0.2952, 0.2980

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6176, 0.3063, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8748, 0.2952, 0.2980 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(225, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 253)  
}
```

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(225, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 253) }
```

Border

The CSS property to change the border of an element to Yxy 75.8748, 0.2952, 0.2980 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(225, 223, 253) }
```

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

```
.border{ border-color:rgb(225, 223, 253) }
```

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

Here you see how a box with a 4 pixel rgb(225, 223, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
253) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.8748, 0.2952, 0.2980$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 253) }
```

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

```
.background{ background-color: rgb(225,  
223, 253) }
```

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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