

Converting Colors

$Yxy(75.2748, 0.2927, 0.2989)$

Have a look what the booklet for
Yxy(75.2748, 0.2927, 0.2989)
contains.

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Color

Yxy(75.0193, 0.2925, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	DCDFFC
RGB	220, 223, 252
RGB Percent	86%, 87%, 99%
CMY	0.1371, 0.1255, 0.0116
CMYK	0.13, 0.12, 0.00, 0.01
HSL	234°, 84%, 93%
HSV	234°, 13%, 99%
XYZ	73.4868, 75.0193, 102.7307
YIQ	225.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

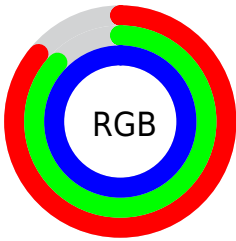
Format	Color
R _Y B	220, 223, 252
Decimal	14475260
CIE Lab	89.40, 4.59, -14.43
CIE LCh	89, 15.145, 287.644
Yxy	75.0193, 0.2925, 0.2986
Android (android.graphics.Color)	4292665340 (0xFFDCDFFC)
YUV	225.4090, 13.1094, -4.7437
Hunter-Lab	86.6137, -0.1269, -9.6931

Details

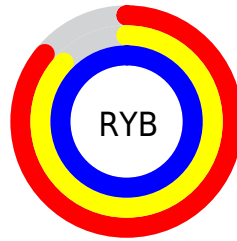
The Yxy color **75.0193, 0.2925, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.6771, 0.3321, 0.3577**, and the grayscale version is **75.5214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9447, 0.2883, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **59.9697, 0.2745, 0.2711**, and if you desaturate by 10%, it is **92.3202, 0.3087, 0.3230**.

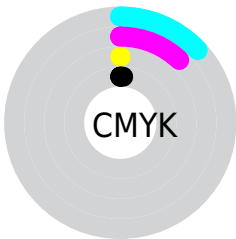
Distribution



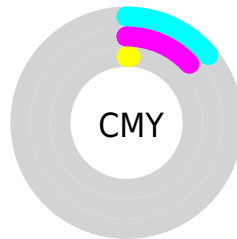
- Red (86%)
- Green (87%)
- Blue (99%)



- Red (86%)
- Yellow (87%)
- Blue (99%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0193, 0.2925, 0.2986 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 75.0193, 0.2925, 0.2986 by changing the saturation by 10% instead.

■ 75.0193, 0.2925,
0.2986

■ 75.0193, 0.2925,
0.2986

477.9839, 0.3018,
0.3124

■ 55.6287, 0.2904,
0.2955

126.3397, 0.2957,
0.3033

■ 39.9053, 0.2878,
0.2917

159.0383, 0.2970,
0.3052

■ 27.4647, 0.2845,
0.2870

196.9416, 0.2981,
0.3068

■ 17.9225, 0.2802,
0.2809

240.4341, 0.2990,
0.3082

■ 10.8944, 0.2744,
0.2727

289.9002, 0.2998,
0.3094

■ 5.9959, 0.2662,
0.2612

345.7243, 0.3006,

■ 2.8426, 0.2536,

0.3105

0.2441

408.2907, 0.3012,
0.3115

■ 1.0501, 0.2320,
0.2158

■ 0.0000, 0.0498,
0.0000

■ 75.0193, 0.2925,
0.2986

■ 75.0193, 0.2925,
0.2986

■ 59.9697, 0.2745,
0.2711

■ 92.3202, 0.3087,
0.3230

■ 47.0699, 0.2550,
0.2408

99.8105, 0.3144,
0.3318

■ 36.2241, 0.2343,
0.2082

■ 27.3261, 0.2136,
0.1748

■ 20.2599, 0.1939,
0.1422

■ 14.8972, 0.1767,
0.1129

■ 11.0926, 0.1634,
0.0890

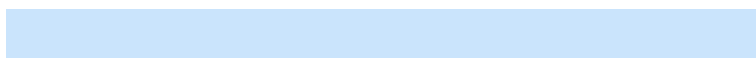
■ 8.6766, 0.1548,
0.0723

■ 7.6522, 0.1513,
0.0647

Harmonies

Analogous

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



75.0193, 0.2813, 0.3024



75.0193, 0.2925, 0.2986



75.0193, 0.3093, 0.3026

Triad

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



75.0193, 0.2925, 0.2986



75.0193, 0.3484, 0.3430



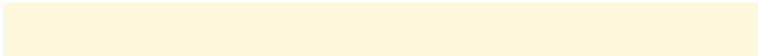
75.0193, 0.2976, 0.3458

Complementary

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



75.0193, 0.2925, 0.2986



93.6771, 0.3321, 0.3577

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.



75.0193, 0.3153, 0.3575



75.0193, 0.2925, 0.2986



75.0193, 0.3449, 0.3552

Square

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



75.0193, 0.2925, 0.2986



75.0193, 0.3420, 0.3276



75.0193, 0.3327, 0.3608



75.0193, 0.2842, 0.3294

Rectangle

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



75.0193, 0.2925, 0.2986



75.0193, 0.3216, 0.3089



75.0193, 0.3327, 0.3608



75.0193, 0.3032, 0.3504

Sweetspot

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



75.0224, 0.2925, 0.2986



92.3499, 0.3067, 0.3200



91.6945, 0.2950, 0.3322



19.4679, 0.3055, 0.3182



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.



75.0224, 0.2925, 0.2986



73.2639, 0.2885, 0.2925



75.5354, 0.3010, 0.2963



16.9000, 0.2979, 0.3067



4.0741, 0.1517, 0.0660



0.4615, 0.1552, 0.0788

Inverse Universe

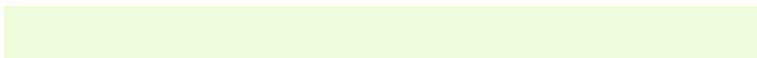
The Inverse Universe completely reimagines the original color for something new.



77.2375, 0.3339, 0.3261



75.9388, 0.3384, 0.3255



93.2047, 0.3234, 0.3613



17.2512, 0.3280, 0.3268



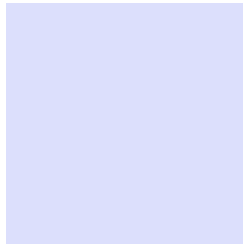
10.8222, 0.6299, 0.3243



1.0108, 0.6088, 0.3128

Previews

White Background



This preview shows how the Yxy color 75.0193, 0.2925, 0.2986 looks on a white background.

Color Contrast Check

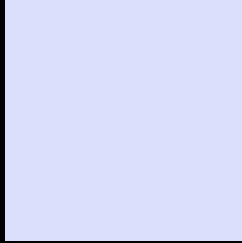
Large Text (above 18pt) WCAG AA × Fail

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 75.0193, 0.2925, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

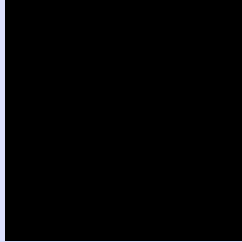
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0193, 0.2925, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 75.0193, 0.2925, 0.2986.



This preview shows how white text looks on a background with the Yxy color 75.0193, 0.2925, 0.2986.

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

75.0193, 0.2925, 0.2986

Protanopia

75.0193, 0.2925, 0.2986

Deuteranopia

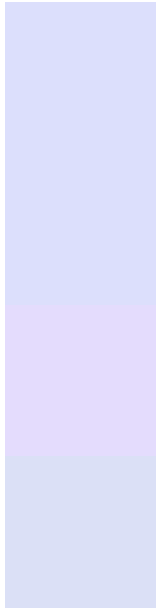
75.0785, 0.3005, 0.2943



Tritanopia

75.1667, 0.2973, 0.3109

Trichromacy



Original Color

75.0193, 0.2925, 0.2986

Protanomaly

75.0193, 0.2925, 0.2986

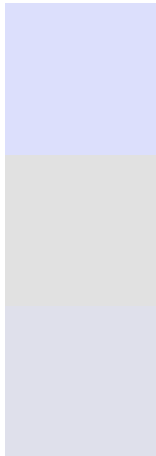
Deuteranomaly

74.7722, 0.2971, 0.2950

Tritanomaly

75.0252, 0.2955, 0.3058

Monochromacy



Original Color

75.0193, 0.2925, 0.2986

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9974, 0.3050, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0193, 0.2925, 0.2986 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, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 252)  
}
```

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, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 252) }
```

Border

The CSS property to change the border of an element to Yxy 75.0193, 0.2925, 0.2986 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, 223, 252) }
```

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

```
.border{ border-color:rgb(220, 223, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0193, 0.2925, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 252) }
```

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

```
.background{ background-color: rgb(220,  
223, 252) }
```

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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