

Converting Colors

$Yxy(76.3034, 0.2907, 0.2970)$

Have a look what the booklet for
Yxy(76.3034, 0.2907, 0.2970)
contains.

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Color

Yxy(76.2861, 0.2908, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1FF
RGB	220, 225, 255
RGB Percent	86%, 88%, 100%
CMY	0.1371, 0.1176, 0.0001
CMYK	0.14, 0.12, 0.00, 0.00
HSL	231°, 100%, 93%
HSV	231°, 14%, 100%
XYZ	74.4929, 76.2861, 105.3865
YIQ	226.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

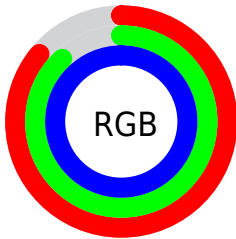
Format	Color
R _Y B	220, 224, 255
Decimal	14475775
CIE Lab	89.99, 4.13, -15.09
CIE LCh	90, 15.647, 285.313
Yxy	76.2861, 0.2908, 0.2978
Android (android.graphics.Color)	4292665855 (0xFFDCE1FF)
YUV	226.9250, 13.8410, -6.0732
Hunter-Lab	87.3419, -0.6077, -10.3998

Details

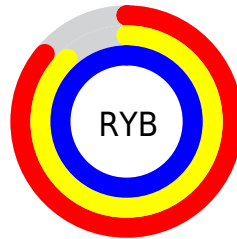
The Yxy color **76.2861, 0.2908, 0.2978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.7984, 0.3340, 0.3584**, and the grayscale version is **76.6669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8260, 0.2861, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **61.5321, 0.2729, 0.2716**, and if you desaturate by 10%, it is **93.1676, 0.3071, 0.3211**.

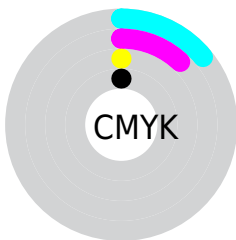
Distribution



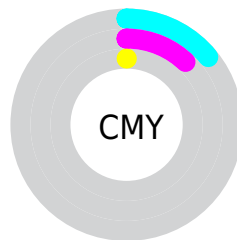
- Red (86%)
- Green (88%)
- Blue (100%)



- Red (86%)
- Yellow (88%)
- Blue (100%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2861, 0.2908, 0.2978 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 76.2861, 0.2908, 0.2978 by changing the saturation by 10% instead.

■ 76.2861, 0.2908,
0.2978

■ 76.2861, 0.2908,
0.2978

482.3265, 0.3009,
0.3119

■ 56.6671, 0.2885,
0.2946

128.1312, 0.2943,
0.3026

■ 40.7381, 0.2857,
0.2908

161.1262, 0.2956,
0.3045

■ 28.1145, 0.2822,
0.2860

199.3486, 0.2968,
0.3062

■ 18.4120, 0.2777,
0.2798

243.1829, 0.2978,
0.3076

■ 11.2462, 0.2715,
0.2715

293.0135, 0.2987,
0.3089

■ 6.2327, 0.2628,
0.2599

349.2246, 0.2995,

■ 2.9871, 0.2496,

0.3100

0.2427

412.2009, 0.3002,
0.3110

■ 1.1250, 0.2274,
0.2146

■ 0.0000, 0.0865,
0.0000

■ 76.2861, 0.2908,
0.2978

■ 76.2861, 0.2908,
0.2978

■ 61.5321, 0.2729,
0.2716

■ 93.1676, 0.3071,
0.3211

■ 48.8116, 0.2535,
0.2427

99.9986, 0.3127,
0.3290

■ 38.0376, 0.2334,
0.2117

■ 29.1132, 0.2132,
0.1797

■ 21.9330, 0.1941,
0.1482

■ 16.3805, 0.1775,
0.1194

■ 12.3251, 0.1645,
0.0952

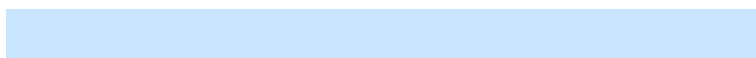
■ 9.6143, 0.1559,
0.0773

■ 8.4977, 0.1526,
0.0694

Harmonies

Analogous

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



76.2861, 0.2799, 0.3023



76.2861, 0.2908, 0.2978



76.2861, 0.3078, 0.3013

Triad

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



76.2861, 0.2908, 0.2978



76.2861, 0.3493, 0.3422



76.2861, 0.2984, 0.3474

Complementary

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



76.2861, 0.2908, 0.2978



94.7984, 0.3340, 0.3584

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.



76.2861, 0.3168, 0.3589



76.2861, 0.2908, 0.2978



76.2861, 0.3465, 0.3552

Square

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



76.2861, 0.2908, 0.2978



76.2861, 0.3419, 0.3263



76.2861, 0.3344, 0.3616



76.2861, 0.2842, 0.3307

Rectangle

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



76.2861, 0.2908, 0.2978



76.2861, 0.3204, 0.3075



76.2861, 0.3344, 0.3616



76.2861, 0.3043, 0.3520

Sweetspot

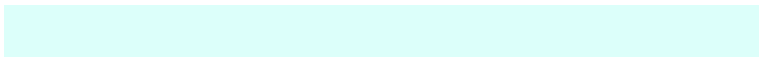
The Sweet Spot groups the original color and five complimentary colors.



76.2893, 0.2908, 0.2978



92.6612, 0.3067, 0.3205



93.6114, 0.2946, 0.3343



19.5463, 0.3055, 0.3188



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.



76.2893, 0.2908, 0.2978



72.7359, 0.2868, 0.2921



75.6184, 0.2988, 0.2934



17.7946, 0.2979, 0.3080



4.5664, 0.1531, 0.0711



0.5643, 0.1576, 0.0875

Inverse Universe

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



77.8927, 0.3346, 0.3241



74.6221, 0.3390, 0.3232



95.6841, 0.3254, 0.3639



18.0292, 0.3272, 0.3256



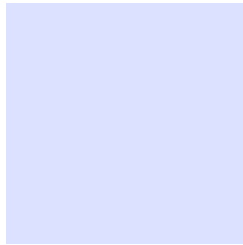
11.1889, 0.6214, 0.3197



1.1015, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 76.2861, 0.2908, 0.2978 looks on a white background.

Color Contrast Check

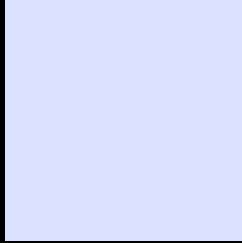
Large Text (above 18pt) WCAG AA × Fail

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 76.2861, 0.2908, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

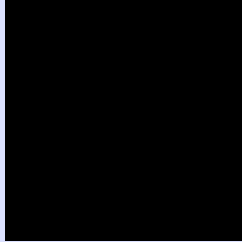
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2861, 0.2908, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 76.2861, 0.2908, 0.2978.



This preview shows how white text looks on a background with the Yxy color 76.2861, 0.2908, 0.2978.

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

76.2861, 0.2908, 0.2978

Protanopia

76.6000, 0.2921, 0.2979

Deuteranopia

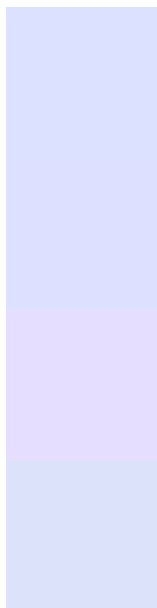
76.4253, 0.2999, 0.2945



Tritanopia

76.4362, 0.2955, 0.3100

Trichromacy



Original Color

76.2861, 0.2908, 0.2978

Protanomaly

76.4426, 0.2914, 0.2978

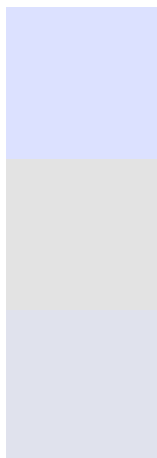
Deuteranomaly

76.1206, 0.2966, 0.2952

Tritanomaly

76.2923, 0.2937, 0.3048

Monochromacy



Original Color

76.2861, 0.2908, 0.2978

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3544, 0.3044, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2861, 0.2908, 0.2978 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 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(220, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.2861, 0.2908, 0.2978 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, 225, 255) }
```

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

```
.border{ border-color:rgb(220, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2861, 0.2908, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 255) }
```

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

```
.background{ background-color: rgb(220,  
225, 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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