

Converting Colors

$Yxy(76.8776, 0.2863, 0.2870)$

Have a look what the booklet for
Yxy(76.8776, 0.2863, 0.2870)
contains.

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Color

Yxy(76.0609, 0.2920, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	DEE0FF
RGB	222, 224, 255
RGB Percent	87%, 88%, 100%
CMY	0.1295, 0.1215, 0.0000
CMYK	0.13, 0.12, 0.00, 0.00
HSL	236°, 100%, 94%
HSV	236°, 13%, 100%
XYZ	74.8308, 76.0609, 105.3782
YIQ	226.9360, -11.1430, 9.2170

Conversions

Conversions Part 2

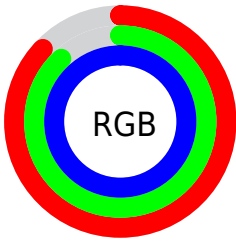
Format	Color
R _Y B	222, 224, 255
Decimal	14606591
CIE Lab	89.89, 5.28, -15.27
CIE LCh	90, 16.152, 289.073
Yxy	76.0609, 0.2920, 0.2968
Android (android.graphics.Color)	4292796671 (0xFFDEE0FF)
YUV	226.9360, 13.8356, -4.3289
Hunter-Lab	87.2129, 0.5348, -10.5903

Details

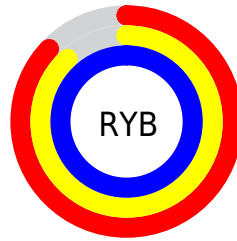
The Yxy color **76.0609, 0.2920, 0.2968** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.7701, 0.3324, 0.3593**, and the grayscale version is **76.6688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6686, 0.2877, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **60.3604, 0.2738, 0.2683**, and if you desaturate by 10%, it is **94.1829, 0.3083, 0.3222**.

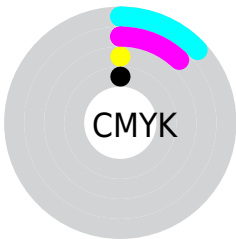
Distribution



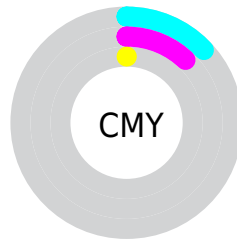
- Red (87%)
- Green (88%)
- Blue (100%)



- Red (87%)
- Yellow (88%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0609, 0.2920, 0.2968 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 76.0609, 0.2920, 0.2968 by changing the saturation by 10% instead.

■ 76.0609, 0.2920,
0.2968

■ 76.0609, 0.2920,
0.2968

481.5561, 0.3015,
0.3114

■ 56.4824, 0.2898,
0.2936

127.8130, 0.2953,
0.3018

■ 40.5899, 0.2872,
0.2896

160.7554, 0.2966,
0.3037

■ 27.9988, 0.2838,
0.2846

198.9213, 0.2977,
0.3054

■ 18.3247, 0.2795,
0.2783

242.6950, 0.2987,
0.3069

■ 11.1834, 0.2736,
0.2698

292.4609, 0.2995,
0.3082

■ 6.1903, 0.2653,
0.2579

348.6035, 0.3003,

■ 2.9611, 0.2526,

0.3094

0.2403

411.5071, 0.3009,
0.3104

■ 1.1115, 0.2311,
0.2117

■ 0.0000, 0.0997,
0.0000

■ 76.0609, 0.2920,
0.2968

■ 76.0609, 0.2920,
0.2968

■ 60.3604, 0.2738,
0.2683

■ 94.1829, 0.3083,
0.3222

■ 46.9771, 0.2540,
0.2368

100.0000, 0.3127,
0.3290

■ 35.8019, 0.2331,
0.2032

■ 26.7158, 0.2120,
0.1688

■ 19.5889, 0.1921,
0.1358

■ 14.2768, 0.1749,
0.1067

■ 10.6148, 0.1618,
0.0838

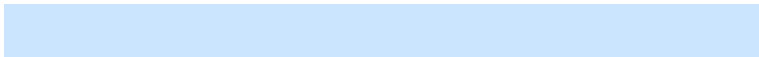
■ 8.4084, 0.1537,
0.0687

■ 7.5792, 0.1508,
0.0627

Harmonies

Analogous

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



76.0609, 0.2798, 0.3004



76.0609, 0.2920, 0.2968



76.0609, 0.3100, 0.3014

Triad

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



76.0609, 0.2920, 0.2968



76.0609, 0.3507, 0.3445



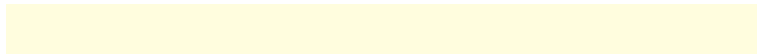
76.0609, 0.2958, 0.3461

Complementary

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



76.0609, 0.2920, 0.2968



96.7701, 0.3324, 0.3593

Split Complementary

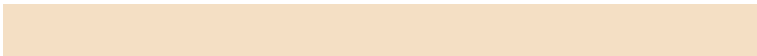
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0609, 0.3145, 0.3589



76.0609, 0.2920, 0.2968



76.0609, 0.3465, 0.3573

Square

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



76.0609, 0.2920, 0.2968



76.0609, 0.3444, 0.3283



76.0609, 0.3331, 0.3629



76.0609, 0.2819, 0.3285

Rectangle

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



76.0609, 0.2920, 0.2968



76.0609, 0.3231, 0.3083



76.0609, 0.3331, 0.3629



76.0609, 0.3017, 0.3511

Sweetspot

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



76.0614, 0.2920, 0.2968



92.1585, 0.3067, 0.3196



94.1261, 0.2941, 0.3312



19.4197, 0.3055, 0.3178



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.



76.0614, 0.2920, 0.2968



71.0164, 0.2867, 0.2885



77.3369, 0.3015, 0.2957



17.5561, 0.2978, 0.3059



4.0286, 0.1510, 0.0636



0.4521, 0.1534, 0.0722

Inverse Universe

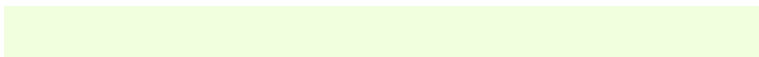
The Inverse Universe completely reimagines the original color for something new.



78.8763, 0.3351, 0.3270



74.4485, 0.3414, 0.3266



95.4399, 0.3229, 0.3621



18.0051, 0.3285, 0.3276



11.1346, 0.6339, 0.3266



1.0902, 0.6197, 0.3187

Previews

White Background



This preview shows how the Yxy color 76.0609, 0.2920, 0.2968 looks on a white background.

Color Contrast Check

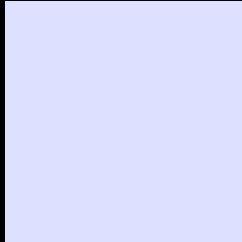
Large Text (above 18pt) WCAG AA × Fail

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 76.0609, 0.2920, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

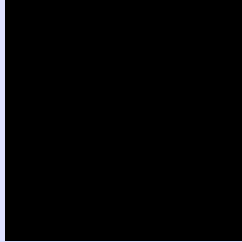
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0609, 0.2920, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 76.0609, 0.2920, 0.2968.

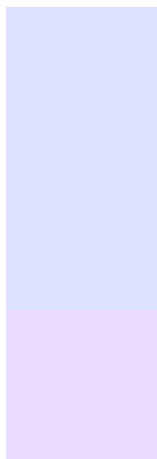


This preview shows how white text looks on a background with the Yxy color 76.0609, 0.2920, 0.2968.

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

76.0609, 0.2920, 0.2968

Protanopia

75.9035, 0.2914, 0.2968

Deuteranopia

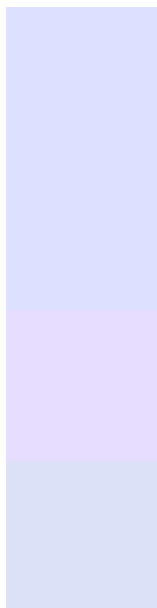
75.8988, 0.2999, 0.2935



Tritanopia

76.1400, 0.2974, 0.3100

Trichromacy



Original Color

76.0609, 0.2920, 0.2968

Protanomaly

75.9035, 0.2914, 0.2968

Deuteranomaly

75.7559, 0.2973, 0.2942

Tritanomaly

75.9999, 0.2956, 0.3049

Monochromacy



Original Color

76.0609, 0.2920, 0.2968

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5147, 0.3050, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0609, 0.2920, 0.2968 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(222, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 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(222, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.0609, 0.2920, 0.2968 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(222, 224, 255) }
```

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

```
.border{ border-color:rgb(222, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0609, 0.2920, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 255) }
```

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

```
.background{ background-color: rgb(222,  
224, 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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