

Converting Colors

$Y_{xy}(75.7747, 0.2891, 0.2908)$

Have a look what the booklet for
Yxy(75.7747, 0.2891, 0.2908)
contains.

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Color

Yxy(75.5249, 0.2920, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	DEDEFF
RGB	222, 223, 255
RGB Percent	87%, 87%, 100%
CMY	0.1295, 0.1254, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	238°, 100%, 94%
HSV	238°, 13%, 100%
XYZ	74.5547, 75.5249, 105.2446
YIQ	226.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

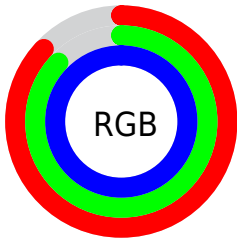
Format	Color
R _Y B	222, 223, 255
Decimal	14606335
CIE Lab	89.64, 5.78, -15.61
CIE LCh	90, 16.649, 290.329
Yxy	75.5249, 0.2920, 0.2958
Android (android.graphics.Color)	4292796415 (0xFFDEDEFFF)
YUV	226.3490, 14.1249, -3.8141
Hunter-Lab	86.9051, 1.0489, -10.9684

Details

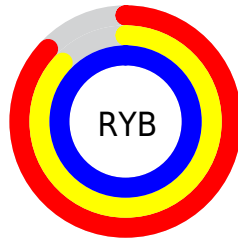
The Yxy color **75.5249, 0.2920, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97.3840, 0.3323, 0.3602**, and the grayscale version is **76.2200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2980, 0.2876, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **59.5515, 0.2737, 0.2663**, and if you desaturate by 10%, it is **94.0385, 0.3083, 0.3219**.

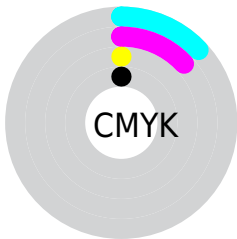
Distribution



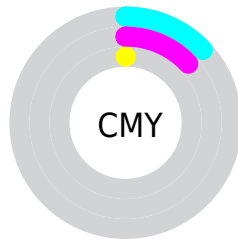
- Red (87%)
- Green (87%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5249, 0.2920, 0.2958 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 75.5249, 0.2920, 0.2958 by changing the saturation by 10% instead.

■ 75.5249, 0.2920,
0.2958

■ 75.5249, 0.2920,
0.2958

479.7198, 0.3015,
0.3108

■ 56.0430, 0.2898,
0.2925

127.0551, 0.2953,
0.3009

■ 40.2374, 0.2872,
0.2884

159.8722, 0.2966,
0.3030

■ 27.7237, 0.2838,
0.2832

197.9032, 0.2977,
0.3047

■ 18.1175, 0.2794,
0.2767

241.5324, 0.2987,
0.3062

■ 11.0344, 0.2735,
0.2679

291.1443, 0.2995,
0.3076

■ 6.0900, 0.2651,
0.2557

347.1232, 0.3003,

■ 2.8999, 0.2523,

0.3088

0.2376

409.8536, 0.3009,
0.3099

■ 1.0797, 0.2305,
0.2081

■ 0.0000, 0.0894,
0.0000

■ 75.5249, 0.2920,
0.2958

■ 75.5249, 0.2920,
0.2958

■ 59.5515, 0.2737,
0.2663

■ 94.0385, 0.3083,
0.3219

■ 45.9987, 0.2536,
0.2338

99.9992, 0.3127,
0.3290

■ 34.7513, 0.2324,
0.1992

■ 25.6809, 0.2110,
0.1641

■ 18.6468, 0.1909,
0.1307

■ 13.4916, 0.1736,
0.1018

■ 10.0349, 0.1608,
0.0798

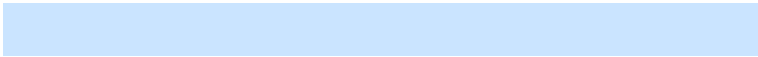
■ 8.0611, 0.1530,
0.0661

■ 7.3928, 0.1504,
0.0613

Harmonies

Analogous

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



75.5249, 0.2791, 0.2991



75.5249, 0.2920, 0.2958



75.5249, 0.3108, 0.3009

Triad

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



75.5249, 0.2920, 0.2958



75.5249, 0.3520, 0.3456



75.5249, 0.2945, 0.3459

Complementary

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



75.5249, 0.2920, 0.2958



97.3840, 0.3323, 0.3602

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.



75.5249, 0.3137, 0.3595



75.5249, 0.2920, 0.2958



75.5249, 0.3472, 0.3586

Square

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



75.5249, 0.2920, 0.2958



75.5249, 0.3459, 0.3289



75.5249, 0.3330, 0.3641



75.5249, 0.2805, 0.3277

Rectangle

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



75.5249, 0.2920, 0.2958



75.5249, 0.3243, 0.3082



75.5249, 0.3330, 0.3641



75.5249, 0.3005, 0.3512

Sweetspot

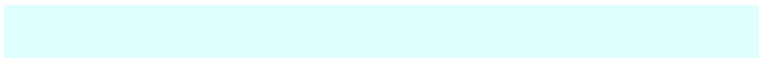
The Sweet Spot groups the original color and five complimentary colors.



75.5280, 0.2920, 0.2958



91.9739, 0.3067, 0.3193



94.1870, 0.2935, 0.3301



19.3732, 0.3055, 0.3175



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.



75.5280, 0.2920, 0.2958



70.3918, 0.2866, 0.2871



77.5208, 0.3022, 0.2957



17.4690, 0.2978, 0.3052



3.9028, 0.1505, 0.0619



0.4107, 0.1518, 0.0663

Inverse Universe

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



78.8172, 0.3358, 0.3280



74.3854, 0.3422, 0.3278



95.2375, 0.3222, 0.3621



17.9963, 0.3290, 0.3283



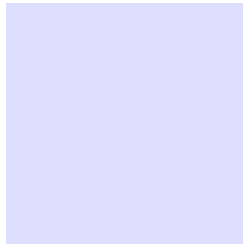
11.1220, 0.6369, 0.3282



1.0860, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 75.5249, 0.2920, 0.2958 looks on a white background.

Color Contrast Check

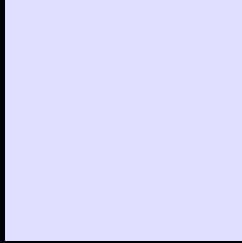
Large Text (above 18pt) WCAG AA × Fail

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 75.5249, 0.2920, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

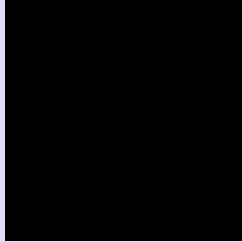
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5249, 0.2920, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 75.5249, 0.2920, 0.2958.

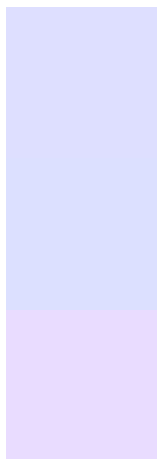


This preview shows how white text looks on a background with the Yxy color 75.5249, 0.2920, 0.2958.

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

75.5249, 0.2920, 0.2958

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

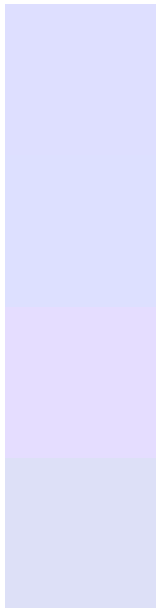
75.7300, 0.2993, 0.2934



Tritanopia

75.5371, 0.2980, 0.3100

Trichromacy



Original Color

75.5249, 0.2920, 0.2958

Protanomaly

75.9035, 0.2914, 0.2968

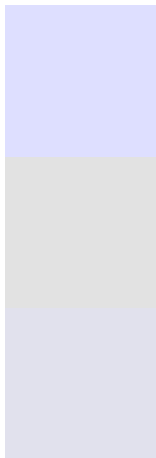
Deuteranomaly

75.5909, 0.2966, 0.2941

Tritanomaly

75.3989, 0.2962, 0.3048

Monochromacy



Original Color

75.5249, 0.2920, 0.2958

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9724, 0.3051, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5249, 0.2920, 0.2958 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 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, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.5249, 0.2920, 0.2958 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, 223, 255) }
```

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

```
.border{ border-color:rgb(222, 223, 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, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5249, 0.2920, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 255) }
```

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

```
.background{ background-color: rgb(222,  
223, 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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