

Converting Colors

Yxy(76.1695, 0.2834, 0.2903)

Have a look what the booklet for
Yxy(76.1695, 0.2834, 0.2903)
contains.

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Color

Yxy(75.5175, 0.2876, 0.2975)

Conversions

Conversions Part 1	
Format	Color
Hex	D7E1FF
RGB	215, 225, 255
RGB Percent	84%, 88%, 100%
CMY	0.1567, 0.1177, 0.0001
CMYK	0.16, 0.12, 0.00, 0.00
HSL	225°, 100%, 92%
HSV	225°, 16%, 100%
XYZ	73.0045, 75.5175, 105.3184
YIQ	225.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

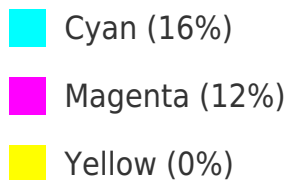
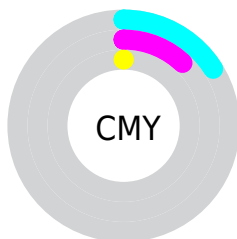
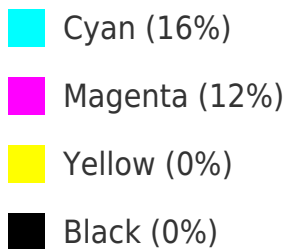
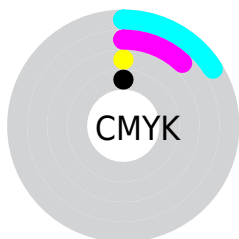
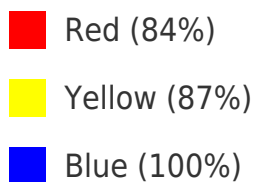
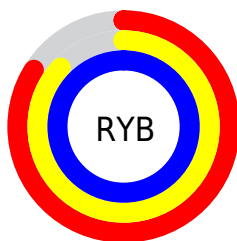
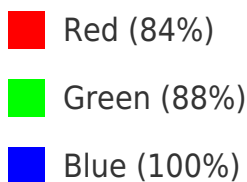
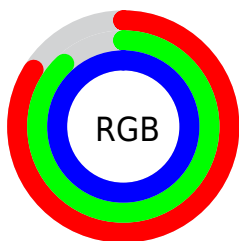
Format	Color
RYB	215, 223, 255
Decimal	14148095
CIELab	89.63, 2.58, -15.66
CIELCh	90, 15.875, 279.355
Yxy	75.5175, 0.2876, 0.2975
Android (android.graphics.Color)	4292338175 (0xFFD7E1FF)
YUV	225.4300, 14.5780, -9.1471
Hunter-Lab	86.9008, -2.1204, -11.0252

Details

The Yxy color 75.5175, 0.2876, 0.2975 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 91.4815, 0.3378, 0.3586, and the grayscale version is 75.5271, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 40.3003, 0.2820, 0.2910 is the 20% darker color. If you saturate the color by 10%, you get 62.1808, 0.2699, 0.2742, and if you desaturate by 10%, it is 90.6220, 0.3040, 0.3183.


Distribution




Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5175, 0.2876, 0.2975 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 75.5175, 0.2876, 0.2975 by changing the saturation by 10% instead.


 75.5175, 0.2876,
0.2975

 75.5175, 0.2876,
0.2975


479.6944, 0.2991,
0.3118

 56.0369, 0.2850,
0.2943


127.0446, 0.2916,
0.3024

 40.2325, 0.2818,
0.2904


159.8600, 0.2931,
0.3043

 27.7199, 0.2778,
0.2854


197.8891, 0.2945,
0.3060

 18.1146, 0.2726,
0.2791

241.5163, 0.2956,
0.3075

 11.0323, 0.2656,
0.2706

291.1261, 0.2967,
0.3088

 6.0886, 0.2557,
0.2587

347.1028, 0.2976,

 2.8990, 0.2407,

0.3099

0.2409

409.8307, 0.2984,
0.3109

1.0792, 0.2156,
0.2117

0.0000, 0.0228,
0.0000

75.5175, 0.2876,
0.2975

75.5175, 0.2876,
0.2975

62.1808, 0.2699,
0.2742

90.6220, 0.3040,
0.3183

50.5367, 0.2513,
0.2486

99.9987, 0.3127,
0.3290

40.5181, 0.2322,
0.2211

32.0499, 0.2134,
0.1925

■ 25.0505, 0.1958,
0.1639

■ 19.4305, 0.1804,
0.1368

■ 15.0891, 0.1683,
0.1127

■ 11.9092, 0.1599,
0.0929

■ 10.8384, 0.1572,
0.0858

Harmonies

Analogous

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



75.5175, 0.2781, 0.3036



75.5175, 0.2876, 0.2975



75.5175, 0.3040, 0.2995

Triad

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



75.5175, 0.2876, 0.2975



75.5175, 0.3493, 0.3393



75.5175, 0.3017, 0.3506

Complementary

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



75.5175, 0.2876, 0.2975



91.4815, 0.3378, 0.3586

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.



75.5175, 0.3206, 0.3608



75.5175, 0.2876, 0.2975



75.5175, 0.3485, 0.3534

Square

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



75.5175, 0.2876, 0.2975



75.5175, 0.3399, 0.3231



75.5175, 0.3378, 0.3616



75.5175, 0.2860, 0.3343

Rectangle

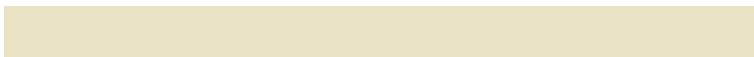
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



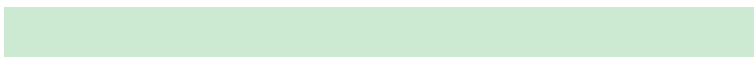
75.5175, 0.2876, 0.2975



75.5175, 0.3167, 0.3050



75.5175, 0.3378, 0.3616



75.5175, 0.3079, 0.3549

Sweetspot

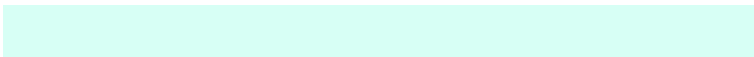
The Sweet Spot groups the original color and five complimentary colors.



75.5206, 0.2876, 0.2975



91.7064, 0.3051, 0.3196



92.5523, 0.2942, 0.3392



19.3873, 0.3040, 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.



75.5206, 0.2876, 0.2975



70.8915, 0.2818, 0.2900



71.8501, 0.2938, 0.2876



18.1135, 0.2979, 0.3106



5.8612, 0.1579, 0.0883



0.7348, 0.1637, 0.1091

Inverse Universe

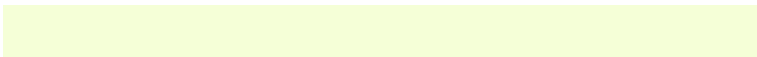
The Inverse Universe completely reimagines the original color for something new.



75.3124, 0.3352, 0.3191



70.7630, 0.3411, 0.3168



95.8271, 0.3298, 0.3688



18.0614, 0.3255, 0.3231



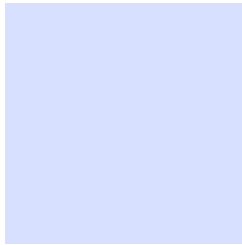
11.3197, 0.5938, 0.3045



1.1187, 0.5623, 0.2871

Previews

White Background



This preview shows how the Yxy color 75.5175, 0.2876, 0.2975 looks on a white background.

Color Contrast Check

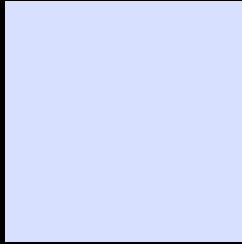
Large Text (above 18pt) WCAG AA × Fail

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 75.5175, 0.2876, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

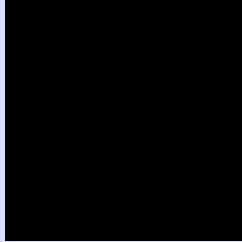
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5175, 0.2876, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 75.5175, 0.2876, 0.2975.



This preview shows how white text looks on a background with the Yxy color 75.5175, 0.2876, 0.2975.

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

75.5175, 0.2876, 0.2975

Protanopia

75.3033, 0.2920, 0.2967

Deuteranopia

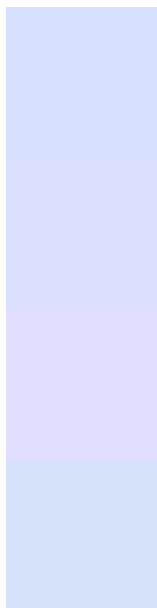
75.5622, 0.2986, 0.2933



Tritanopia

75.6769, 0.2922, 0.3098

Trichromacy



Original Color

75.5175, 0.2876, 0.2975

Protanomaly

75.5271, 0.2907, 0.2977

Deuteranomaly

75.6313, 0.2946, 0.2950

Tritanomaly

75.5284, 0.2905, 0.3046

Monochromacy



Original Color

75.5175, 0.2876, 0.2975

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2787, 0.3030, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5175, 0.2876, 0.2975 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(215, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.5175, 0.2876, 0.2975 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(215, 225, 255) }
```

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

```
.border{ border-color:rgb(215, 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(215, 225, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 75.5175, 0.2876, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 255) }
```

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

```
.background{ background-color: rgb(215,  
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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