

Converting Colors

$Y_{xy}(78.7442, 0.2518, 0.2246)$

Have a look what the booklet for
Yxy(78.7442, 0.2518, 0.2246)
contains.

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Color

Yxy(73.0508, 0.2925, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	DFDAFF
RGB	223, 218, 255
RGB Percent	87%, 85%, 100%
CMY	0.1255, 0.1451, 0.0000
CMYK	0.13, 0.15, 0.00, 0.00
HSL	248°, 100%, 93%
HSV	248°, 15%, 100%
XYZ	73.5537, 73.0508, 104.8612
YIQ	223.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

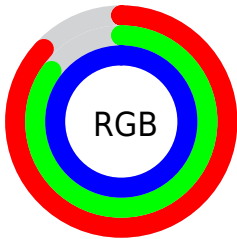
Format	Color
R _Y B	223, 218, 255
Decimal	14670591
CIE Lab	88.47, 8.74, -17.38
CIE LCh	88, 19.456, 296.690
Yxy	73.0508, 0.2925, 0.2905
Android (android.graphics.Color)	4292860671 (0xFFDFDAFF)
YUV	223.7130, 15.4245, -0.6253
Hunter-Lab	85.4698, 4.0418, -12.9129

Details

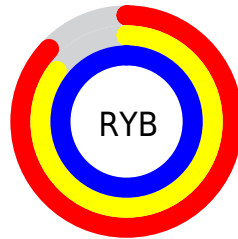
The Yxy color **73.0508, 0.2925, 0.2905** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.9098, 0.3313, 0.3655**, and the grayscale version is **74.2170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5964, 0.2882, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **57.5480, 0.2762, 0.2603**, and if you desaturate by 10%, it is **91.0462, 0.3069, 0.3178**.

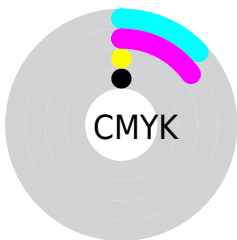
Distribution



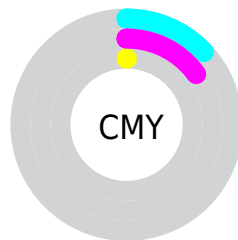
- Red (87%)
- Green (85%)
- Blue (100%)



- Red (87%)
- Yellow (85%)
- Blue (100%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0508, 0.2925, 0.2905 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 73.0508, 0.2925, 0.2905 by changing the saturation by 10% instead.

73.0508, 0.2925,
0.2905

73.0508, 0.2925,
0.2905

471.1909, 0.3019,
0.3079

54.0175, 0.2903,
0.2866

123.5493, 0.2958,
0.2965

38.6157, 0.2877,
0.2819

155.7833, 0.2970,
0.2988

26.4609, 0.2843,
0.2760

193.1864, 0.2981,
0.3008

17.1687, 0.2799,
0.2683

236.1429, 0.2991,
0.3026

10.3549, 0.2739,
0.2582

285.0371, 0.2999,
0.3042

5.6349, 0.2652,
0.2441

340.2536, 0.3007,

2.6244, 0.2519,

0.3056

0.2233

402.1767, 0.3013,
0.3068

0.9389, 0.2289,
0.1897

0.0000, 0.0484,
0.0000

73.0508, 0.2925,
0.2905

73.0508, 0.2925,
0.2905

57.5480, 0.2762,
0.2603

91.0462, 0.3069,
0.3178

44.4256, 0.2581,
0.2274

100.0000, 0.3127,
0.3290

33.5657, 0.2386,
0.1929

24.8397, 0.2186,
0.1585

■ 18.1056, 0.1991,
0.1264

■ 13.2043, 0.1817,
0.0991

■ 9.9521, 0.1676,
0.0786

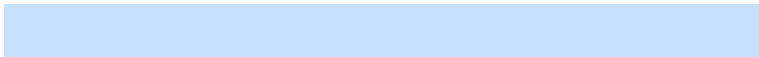
■ 8.1256, 0.1578,
0.0663

■ 7.5657, 0.1542,
0.0623

Harmonies

Analogous

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



73.0508, 0.2755, 0.2921



73.0508, 0.2925, 0.2905



73.0508, 0.3154, 0.2984

Triad

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



73.0508, 0.2925, 0.2905



73.0508, 0.3591, 0.3522



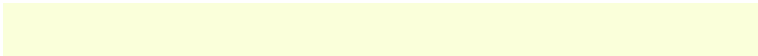
73.0508, 0.2870, 0.3447

Complementary

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



73.0508, 0.2925, 0.2905



96.9098, 0.3313, 0.3655

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.



73.0508, 0.3087, 0.3626



73.0508, 0.2925, 0.2905



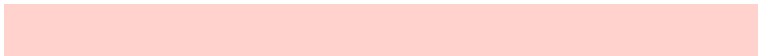
73.0508, 0.3507, 0.3662

Square

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



73.0508, 0.2925, 0.2905



73.0508, 0.3546, 0.3330



73.0508, 0.3320, 0.3705



73.0508, 0.2725, 0.3226

Rectangle

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



73.0508, 0.2925, 0.2905



73.0508, 0.3312, 0.3079



73.0508, 0.3320, 0.3705



73.0508, 0.2937, 0.3515

Sweetspot

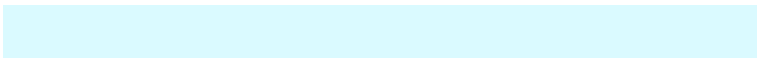
The Sweet Spot groups the original color and five complimentary colors.



73.0515, 0.2925, 0.2905



92.0280, 0.3076, 0.3191



90.5394, 0.2904, 0.3239



19.3869, 0.3066, 0.3171



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.



73.0515, 0.2925, 0.2905



68.9585, 0.2886, 0.2833



76.1432, 0.3050, 0.2920



17.4950, 0.3000, 0.3046



3.9889, 0.1551, 0.0628



0.4227, 0.1631, 0.0672

Inverse Universe

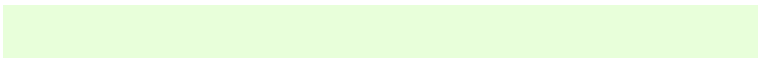
The Inverse Universe completely reimagines the original color for something new.



78.3090, 0.3177, 0.2977



75.0219, 0.3187, 0.2922



93.6662, 0.3194, 0.3668



18.2558, 0.3159, 0.3087



13.8437, 0.3582, 0.1747



1.3591, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 73.0508, 0.2925, 0.2905 looks on a white background.

Color Contrast Check

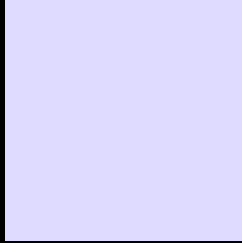
Large Text (above 18pt) WCAG AA × Fail

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 73.0508, 0.2925, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

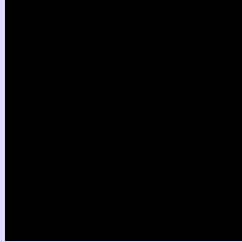
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0508, 0.2925, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 73.0508, 0.2925, 0.2905.



This preview shows how white text looks on a background with the Yxy color 73.0508, 0.2925, 0.2905.

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

73.0508, 0.2925, 0.2905

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

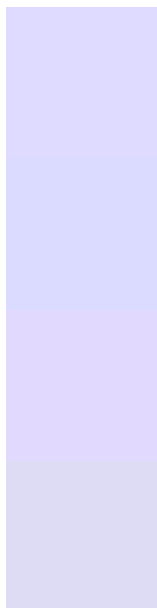
72.8257, 0.2958, 0.2888



Tritanopia

73.1016, 0.3011, 0.3108

Trichromacy



Original Color

73.0508, 0.2925, 0.2905

Protanomaly

72.9431, 0.2899, 0.2913

Deuteranomaly

73.0145, 0.2945, 0.2897

Tritanomaly

73.0902, 0.2980, 0.3036

Monochromacy



Original Color

73.0508, 0.2925, 0.2905

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0880, 0.3057, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0508, 0.2925, 0.2905 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(223, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 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(223, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.0508, 0.2925, 0.2905 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(223, 218, 255) }
```

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

```
.border{ border-color:rgb(223, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0508, 0.2925, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 255) }
```

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

```
.background{ background-color: rgb(223,  
218, 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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