

Converting Colors

$Yxy(73.1208, 0.2900, 0.3126)$

Have a look what the booklet for
Yxy(73.1208, 0.2900, 0.3126)
contains.

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Color

Yxy(73.1208, 0.2900, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	CDE1F0
RGB	205, 225, 240
RGB Percent	80%, 88%, 94%
CMY	0.1959, 0.1177, 0.0589
CMYK	0.15, 0.06, 0.00, 0.06
HSL	206°, 54%, 87%
HSV	206°, 15%, 94%
XYZ	67.8344, 73.1208, 92.9565
YIQ	220.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

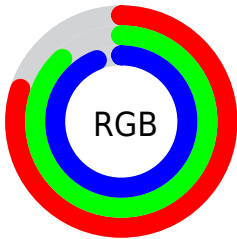
Format	Color
R _Y B	205, 218, 240
Decimal	13492720
CIE Lab	88.51, -3.63, -9.55
CIE LCh	89, 10.214, 249.208
Yxy	73.1208, 0.2900, 0.3126
Android (android.graphics.Color)	4291682800 (0xFFCDE1F0)
YUV	220.7300, 9.5001, -13.7952
Hunter-Lab	85.5107, -8.0423, -4.5952

Details

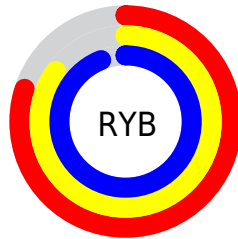
The Yxy color **73.1208, 0.2900, 0.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1249, 0.3375, 0.3449**, and the grayscale version is **72.0530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6942, 0.2843, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **64.5722, 0.2740, 0.2998**, and if you desaturate by 10%, it is **82.5340, 0.3057, 0.3241**.

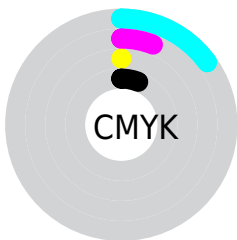
Distribution



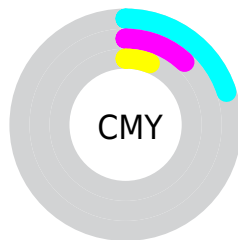
- Red (80%)
- Green (88%)
- Blue (94%)



- Red (80%)
- Yellow (85%)
- Blue (94%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1208, 0.2900, 0.3126 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 73.1208, 0.2900, 0.3126 by changing the saturation by 10% instead.

■ 73.1208, 0.2900,
0.3126

■ 73.1208, 0.2900,
0.3126

471.4334, 0.3004,
0.3202

■ 54.0747, 0.2876,
0.3108

123.6487, 0.2936,
0.3153

■ 38.6614, 0.2847,
0.3087

155.8993, 0.2950,
0.3163

■ 26.4964, 0.2810,
0.3059

193.3202, 0.2962,
0.3172

■ 17.1954, 0.2762,
0.3023

236.2959, 0.2973,
0.3179

■ 10.3739, 0.2698,
0.2974

285.2106, 0.2982,
0.3186

■ 5.6476, 0.2605,
0.2902

340.4488, 0.2990,

■ 2.6320, 0.2462,

0.3192

0.2790

402.3950, 0.2998,
0.3198

0.9428, 0.2215,
0.2589

0.0000, 0.0000,
0.0000

73.1208, 0.2900,
0.3126

73.1208, 0.2900,
0.3126

64.5722, 0.2740,
0.2998

82.5340, 0.3057,
0.3241

56.8495, 0.2581,
0.2859

92.8308, 0.3209,
0.3345

49.9242, 0.2426,
0.2708

99.0698, 0.3215,
0.3435

43.7622, 0.2280,
0.2549

■ 38.3263, 0.2147,
0.2383

■ 33.5753, 0.2031,
0.2214

■ 29.4622, 0.1936,
0.2046

■ 25.9305, 0.1865,
0.1884

■ 24.2101, 0.1833,
0.1798

Harmonies

Analogous

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



73.1208, 0.2897, 0.3214



73.1208, 0.2900, 0.3126



73.1208, 0.2963, 0.3084

Triad

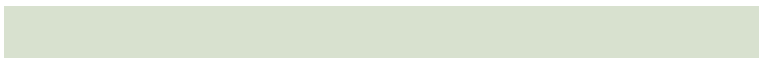
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1208, 0.2900, 0.3126



73.1208, 0.3303, 0.3252



73.1208, 0.3181, 0.3494

Complementary

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



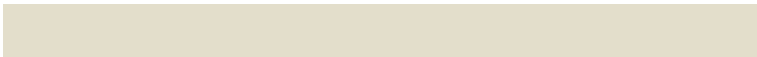
73.1208, 0.2900, 0.3126



74.1249, 0.3375, 0.3449

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.



73.1208, 0.3292, 0.3501



73.1208, 0.2900, 0.3126



73.1208, 0.3364, 0.3359

Square

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



73.1208, 0.2900, 0.3126



73.1208, 0.3195, 0.3156



73.1208, 0.3359, 0.3450



73.1208, 0.3057, 0.3430

Rectangle

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



73.1208, 0.2900, 0.3126



73.1208, 0.3031, 0.3086



73.1208, 0.3359, 0.3450



73.1208, 0.3221, 0.3503

Sweetspot

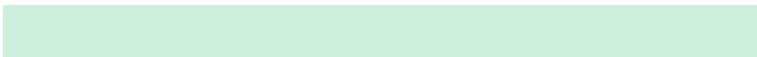
The Sweet Spot groups the original color and five complimentary colors.



73.1238, 0.2900, 0.3126



95.3583, 0.3066, 0.3247



80.4363, 0.3023, 0.3513



20.2277, 0.3054, 0.3239



0.0000, 0.0000, 0.0000



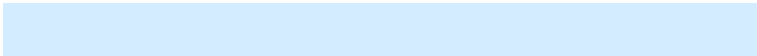
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1238, 0.2900, 0.3126



81.3961, 0.2860, 0.3095



64.3613, 0.2893, 0.2935



16.7280, 0.2980, 0.3186



13.5254, 0.1840, 0.1823



1.3223, 0.1898, 0.2034

Inverse Universe

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



67.6378, 0.3251, 0.3081



74.2525, 0.3275, 0.3044



83.5362, 0.3350, 0.3622



15.9102, 0.3204, 0.3156



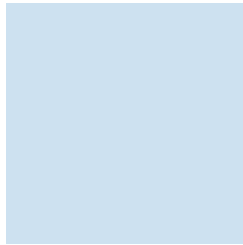
11.1587, 0.4658, 0.2340



0.9482, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 73.1208, 0.2900, 0.3126 looks on a white background.

Color Contrast Check

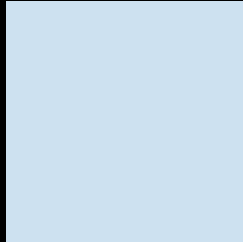
Large Text (above 18pt) WCAG AA × Fail

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 73.1208, 0.2900, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

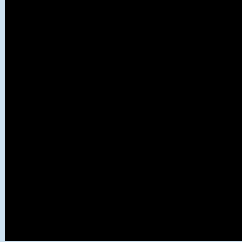
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

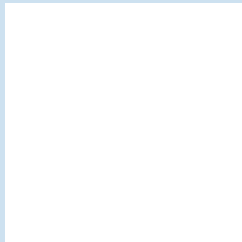
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1208, 0.2900, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 73.1208, 0.2900, 0.3126.

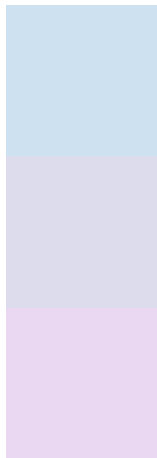


This preview shows how white text looks on a background with the Yxy color 73.1208, 0.2900, 0.3126.

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

73.1208, 0.2900, 0.3126

Protanopia

72.6730, 0.3024, 0.3108

Deuteranopia

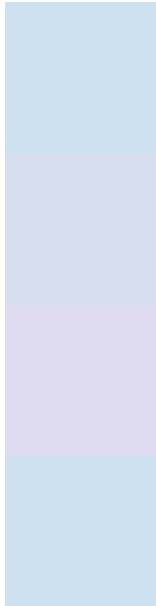
73.0150, 0.3083, 0.3021



Tritanopia

73.2404, 0.2888, 0.3104

Trichromacy



Original Color

73.1208, 0.2900, 0.3126

Protanomaly

72.8627, 0.2977, 0.3117

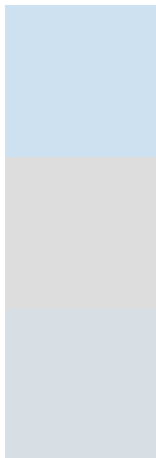
Deuteranomaly

72.7019, 0.3012, 0.3057

Tritanomaly

73.1804, 0.2894, 0.3115

Monochromacy



Original Color

73.1208, 0.2900, 0.3126

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2911, 0.3040, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1208, 0.2900, 0.3126 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(205, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 240)  
}
```

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(205, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.1208, 0.2900, 0.3126 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(205, 225, 240) }
```

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

```
.border{ border-color:rgb(205, 225, 240) }
```

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

Here you see how a box with a 4 pixel rgb(205, 225, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1208, 0.2900, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 240) }
```

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

```
.background{ background-color: rgb(205,  
225, 240) }
```

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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