

Converting Colors

$Yxy(73.9954, 0.2919, 0.3227)$

Have a look what the booklet for
Yxy(73.9954, 0.2919, 0.3227)
contains.

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Color

Yxy(73.9839, 0.2917, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	CAE4EA
RGB	202, 228, 234
RGB Percent	79%, 89%, 92%
CMY	0.2077, 0.1059, 0.0823
CMYK	0.14, 0.03, 0.00, 0.08
HSL	191°, 43%, 86%
HSV	191°, 14%, 92%
XYZ	66.9597, 73.9839, 88.6062
YIQ	220.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

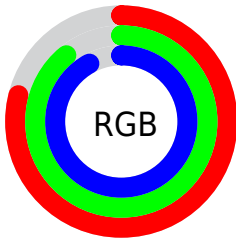
Format	Color
R _Y B	202, 216, 234
Decimal	13296874
CIE Lab	88.91, -7.32, -5.84
CIE LCh	89, 9.361, 218.561
Yxy	73.9839, 0.2917, 0.3223
Android (android.graphics.Color)	4291486954 (0xFFCAE4EA)
YUV	220.9100, 6.4534, -16.5841
Hunter-Lab	86.0139, -11.5665, -0.8672

Details

The Yxy color **73.9839, 0.2917, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8998, 0.3370, 0.3356**, and the grayscale version is **72.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3974, 0.2874, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **68.5719, 0.2768, 0.3169**, and if you desaturate by 10%, it is **79.9589, 0.3070, 0.3273**.

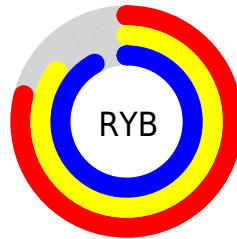
Distribution



Red (79%)

Green (89%)

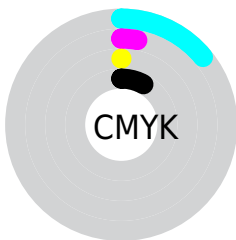
Blue (92%)



Red (79%)

Yellow (85%)

Blue (92%)

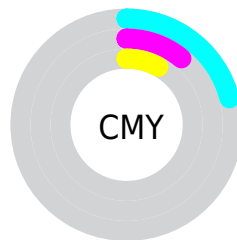


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9839, 0.2917, 0.3223 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 73.9839, 0.2917, 0.3223 by changing the saturation by 10% instead.

■ 73.9839, 0.2917,
0.3223

■ 73.9839, 0.2917,
0.3223

474.4178, 0.3013,
0.3255

■ 54.7809, 0.2895,
0.3216

124.8730, 0.2950,
0.3234

■ 39.2263, 0.2868,
0.3206

157.3278, 0.2963,
0.3238

■ 26.9358, 0.2834,
0.3194

194.9687, 0.2975,
0.3242

■ 17.5250, 0.2790,
0.3179

238.1801, 0.2984,
0.3245

■ 10.6095, 0.2731,
0.3157

287.3462, 0.2993,
0.3248

■ 5.8049, 0.2645,
0.3124

342.8517, 0.3001,

■ 2.7268, 0.2514,

0.3251

405.0807, 0.3007,
0.3253

0.3072

0.9908, 0.2280,
0.2974

0.0000, 0.0000,
0.0000

73.9839, 0.2917,
0.3223

73.9839, 0.2917,
0.3223

68.5719, 0.2768,
0.3169

79.9589, 0.3070,
0.3273

63.6910, 0.2627,
0.3110

86.5088, 0.3225,
0.3318

59.3199, 0.2496,
0.3047

90.2398, 0.3263,
0.3361

55.4322, 0.2379,
0.2982

92.8834, 0.3259,
0.3403

■ 51.9986, 0.2279,
0.2915

■ 95.5906, 0.3254,
0.3446

■ 48.9866, 0.2198,
0.2846

■ 98.3618, 0.3250,
0.3487

■ 46.3583, 0.2136,
0.2777

■ 98.7216, 0.3250,
0.3493

■ 44.0680, 0.2094,
0.2709

■ 42.7482, 0.2074,
0.2666

Harmonies

Analogous

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



73.9839, 0.2970, 0.3325



73.9839, 0.2917, 0.3223



73.9839, 0.2919, 0.3142

Triad

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



73.9839, 0.2917, 0.3223



73.9839, 0.3187, 0.3166



73.9839, 0.3279, 0.3482

Complementary

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



73.9839, 0.2917, 0.3223



66.8998, 0.3370, 0.3356

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.



73.9839, 0.3340, 0.3435



73.9839, 0.2917, 0.3223



73.9839, 0.3286, 0.3253

Square

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



73.9839, 0.2917, 0.3223



73.9839, 0.3073, 0.3111



73.9839, 0.3342, 0.3351



73.9839, 0.3178, 0.3477

Rectangle

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



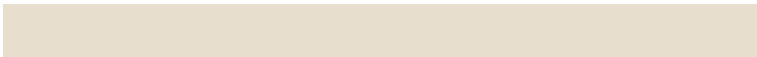
73.9839, 0.2917, 0.3223



73.9839, 0.2951, 0.3110



73.9839, 0.3342, 0.3351



73.9839, 0.3305, 0.3472

Sweetspot

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



73.9870, 0.2917, 0.3223



96.8972, 0.3065, 0.3271



75.9663, 0.3074, 0.3584



20.6178, 0.3053, 0.3268



0.0000, 0.0000, 0.0000



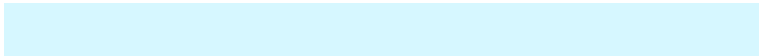
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9870, 0.2917, 0.3223



88.2621, 0.2881, 0.3210



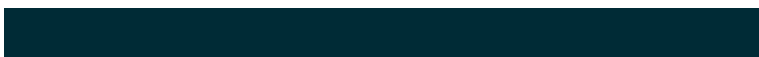
65.6699, 0.2912, 0.3045



16.6116, 0.2981, 0.3245



24.1927, 0.2077, 0.2677



2.0240, 0.2103, 0.2771

Inverse Universe

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



65.3526, 0.3186, 0.3015



76.1894, 0.3198, 0.2965



75.0134, 0.3346, 0.3524



15.2623, 0.3167, 0.3101



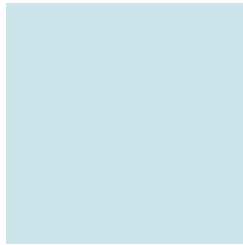
11.9351, 0.3750, 0.1840



0.9497, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 73.9839, 0.2917, 0.3223 looks on a white background.

Color Contrast Check

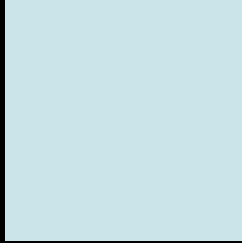
Large Text (above 18pt) WCAG AA × Fail

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 73.9839, 0.2917, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

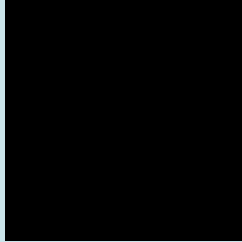
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

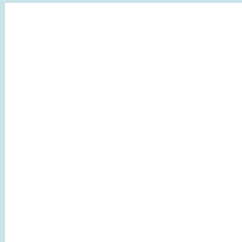
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9839, 0.2917, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 73.9839, 0.2917, 0.3223.

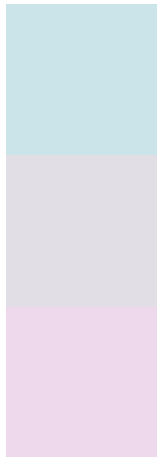


This preview shows how white text looks on a background with the Yxy color 73.9839, 0.2917, 0.3223.

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

73.9839, 0.2917, 0.3223

Protanopia

73.9633, 0.3096, 0.3205

Deuteranopia

73.3450, 0.3151, 0.3083



Tritanopia

73.7617, 0.2870, 0.3094

Trichromacy



Original Color

73.9839, 0.2917, 0.3223

Protanomaly

73.8325, 0.3034, 0.3214

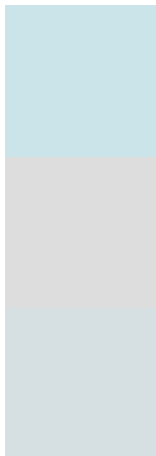
Deuteranomaly

73.1921, 0.3064, 0.3131

Tritanomaly

73.9260, 0.2888, 0.3147

Monochromacy



Original Color

73.9839, 0.2917, 0.3223

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0984, 0.3045, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9839, 0.2917, 0.3223 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(202, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 228, 234)  
}
```

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(202, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.9839, 0.2917, 0.3223 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(202, 228, 234) }
```

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

```
.border{ border-color:rgb(202, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(202, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9839, 0.2917, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 228, 234) }
```

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

```
.background{ background-color: rgb(202,  
228, 234) }
```

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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