

Converting Colors

$Yxy(78.8607, 0.2987, 0.3314)$

Have a look what the booklet for
Yxy(78.8607, 0.2987, 0.3314)
contains.

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Color

Yxy(79.0917, 0.2988, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	D3EBE8
RGB	211, 235, 232
RGB Percent	83%, 92%, 91%
CMY	0.1725, 0.0784, 0.0902
CMYK	0.10, 0.00, 0.01, 0.08
HSL	172°, 37%, 87%
HSV	172°, 10%, 92%
XYZ	71.1397, 79.0917, 87.8532
YIQ	227.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

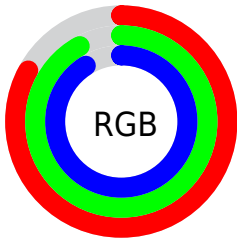
Format	Color
R_{YB}	211, 224, 235
Decimal	13888488
CIE _{Lab}	91.28, -8.42, -1.23
CIE _{LCh}	91, 8.515, 188.336
Yxy	79.0917, 0.2988, 0.3322
Android (android.graphics.Color)	4292078568 (0xFFD3EBE8)
YUV	227.4820, 2.2274, -14.4547
Hunter-Lab	88.9335, -12.8480, 3.6837

Details

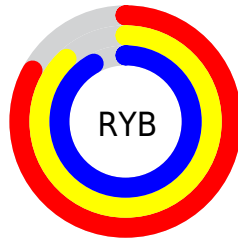
The Yxy color **79.0917, 0.2988, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1156, 0.3286, 0.3258**, and the grayscale version is **77.1792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4427, 0.2957, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **75.7075, 0.2859, 0.3356**, and if you desaturate by 10%, it is **82.9928, 0.3124, 0.3291**.

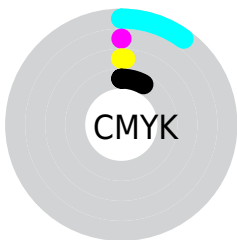
Distribution



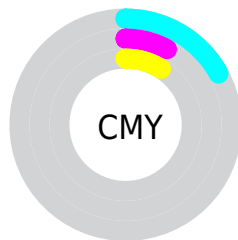
- Red (83%)
- Green (92%)
- Blue (91%)



- Red (83%)
- Yellow (88%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (17%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0917, 0.2988, 0.3322 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 79.0917, 0.2988, 0.3322 by changing the saturation by 10% instead.

■ 79.0917, 0.2988,
0.3322

■ 79.0917, 0.2988,
0.3322

491.8665, 0.3051,
0.3308

■ 58.9712, 0.2974,
0.3325

132.0879, 0.3010,
0.3317

■ 42.5899, 0.2956,
0.3329

165.7325, 0.3018,
0.3315

■ 29.5635, 0.2934,
0.3334

204.6538, 0.3026,
0.3314

■ 19.5075, 0.2906,
0.3340

249.2364, 0.3032,
0.3312

■ 12.0376, 0.2868,
0.3348

299.8645, 0.3038,
0.3311

■ 6.7693, 0.2813,
0.3360

356.9227, 0.3043,

■ 3.3182, 0.2731,

0.3310

420.7952, 0.3047,
0.3309

0.3377

1.3000, 0.2589,
0.3405

0.1412, 0.0000,
0.3704

79.0917, 0.2988,
0.3322

79.0917, 0.2988,
0.3322

75.7075, 0.2859,
0.3356

82.9928, 0.3124,
0.3291

72.8083, 0.2739,
0.3394

86.8447, 0.3244,
0.3262

70.3738, 0.2632,
0.3433

87.0194, 0.3225,
0.3233

68.3785, 0.2540,
0.3475


87.1970, 0.3206,
0.3205


 66.7945, 0.2467,
0.3518


 87.3774, 0.3188,
0.3176

 65.5907, 0.2412,
0.3562

 87.5607, 0.3169,
0.3148

 64.7313, 0.2377,
0.3606

 87.7469, 0.3151,
0.3120

 64.1738, 0.2360,
0.3650

 87.8980, 0.3136,
0.3097

 63.8502, 0.2359,
0.3693

Harmonies

Analogous

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



79.0917, 0.3073, 0.3405



79.0917, 0.2988, 0.3322



79.0917, 0.2940, 0.3231

Triad

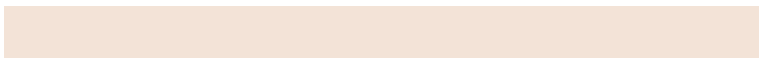
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0917, 0.2988, 0.3322



79.0917, 0.3078, 0.3130



79.0917, 0.3316, 0.3419

Complementary

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



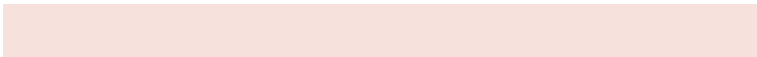
79.0917, 0.2988, 0.3322



69.1156, 0.3286, 0.3258

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.



79.0917, 0.3318, 0.3344



79.0917, 0.2988, 0.3322



79.0917, 0.3180, 0.3179

Square

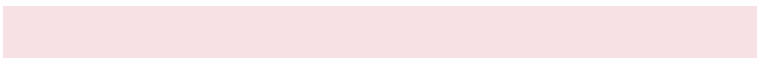
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



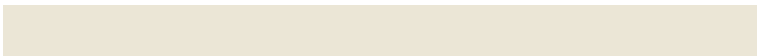
79.0917, 0.2988, 0.3322



79.0917, 0.2992, 0.3122



79.0917, 0.3268, 0.3257



79.0917, 0.3263, 0.3461

Rectangle

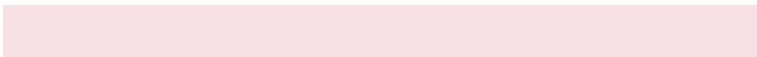
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0917, 0.2988, 0.3322



79.0917, 0.2935, 0.3180



79.0917, 0.3268, 0.3257



79.0917, 0.3323, 0.3397

Sweetspot

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



79.0950, 0.2988, 0.3322



98.5162, 0.3086, 0.3299



78.4504, 0.3136, 0.3552



21.0037, 0.3074, 0.3302



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.



79.0950, 0.2988, 0.3322



94.4064, 0.2964, 0.3328



74.3552, 0.2969, 0.3194



17.0874, 0.2998, 0.3320



35.5479, 0.2357, 0.3686



2.8005, 0.2340, 0.3625

Inverse Universe

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



69.1156, 0.3286, 0.3258



80.4014, 0.3319, 0.3252



73.4539, 0.3297, 0.3384



15.0848, 0.3273, 0.3261



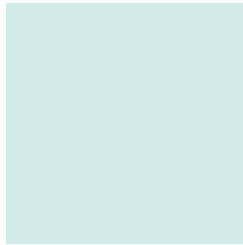
9.8906, 0.6240, 0.3211



0.7866, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 79.0917, 0.2988, 0.3322 looks on a white background.

Color Contrast Check

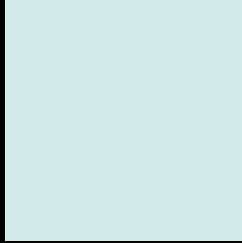
Large Text (above 18pt) WCAG AA × Fail

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 79.0917, 0.2988, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

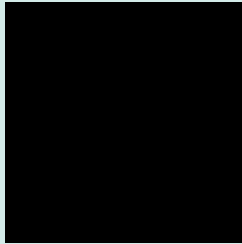
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

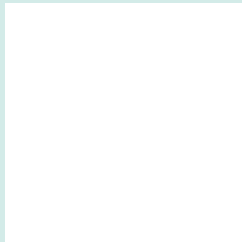
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0917, 0.2988, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 79.0917, 0.2988, 0.3322.

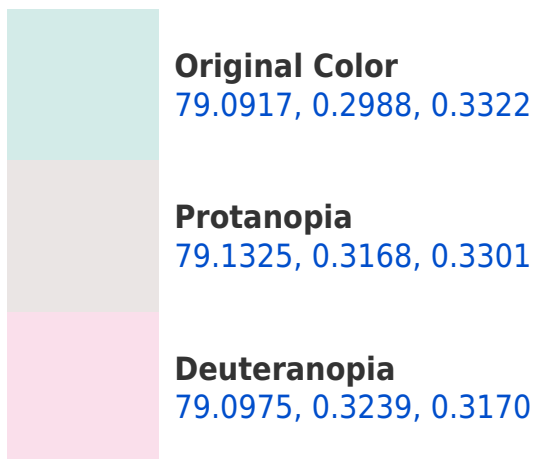


This preview shows how white text looks on a background with the Yxy color 79.0917, 0.2988, 0.3322.

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

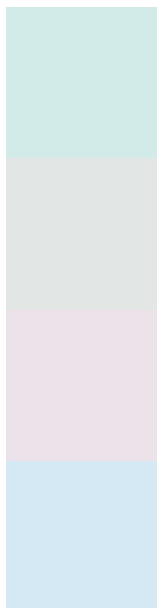




Tritanopia

78.9744, 0.2895, 0.3090

Trichromacy



Original Color

79.0917, 0.2988, 0.3322

Protanomaly

78.9777, 0.3106, 0.3311

Deuteranomaly

78.7116, 0.3144, 0.3218

Tritanomaly

78.9556, 0.2930, 0.3173

Monochromacy



Original Color

79.0917, 0.2988, 0.3322

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6229, 0.3072, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0917, 0.2988, 0.3322 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(211, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 232)  
}
```

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(211, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 232) }
```

Border

The CSS property to change the border of an element to Yxy 79.0917, 0.2988, 0.3322 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(211, 235, 232) }
```

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

```
.border{ border-color:rgb(211, 235, 232) }
```

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

Here you see how a box with a 4 pixel rgb(211, 235, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0917, 0.2988, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 232) }
```

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

```
.background{ background-color: rgb(211,  
235, 232) }
```

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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