

Converting Colors

$Yxy(78.1076, 0.2923, 0.3321)$

Have a look what the booklet for
Yxy(78.1076, 0.2923, 0.3321)
contains.

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Color

Yxy(78.2916, 0.2919, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	C9ECE9
RGB	201, 236, 233
RGB Percent	79%, 93%, 91%
CMY	0.2117, 0.0745, 0.0862
CMYK	0.15, 0.00, 0.01, 0.07
HSL	175°, 48%, 86%
HSV	175°, 15%, 93%
XYZ	68.7939, 78.2916, 88.5906
YIQ	225.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

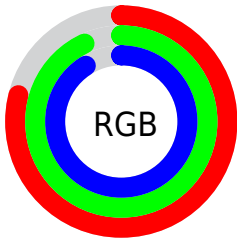
Format	Color
R _Y B	201, 219, 236
Decimal	13233385
CIE Lab	90.91, -11.91, -2.38
CIE LCh	91, 12.142, 191.303
Yxy	78.2916, 0.2919, 0.3322
Android (android.graphics.Color)	4291423465 (0xFFC9ECE9)
YUV	225.1930, 3.8489, -21.2173
Hunter-Lab	88.4825, -16.0634, 2.5753

Details

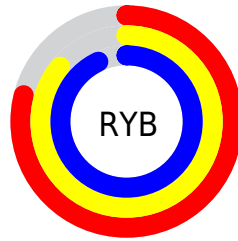
The Yxy color **78.2916, 0.2919, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9687, 0.3381, 0.3258**, and the grayscale version is **75.4269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0199, 0.2878, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **75.1570, 0.2789, 0.3346**, and if you desaturate by 10%, it is **81.9365, 0.3058, 0.3300**.

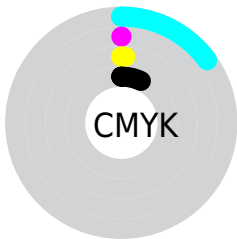
Distribution



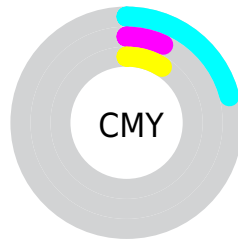
- Red (79%)
- Green (93%)
- Blue (91%)



- Red (79%)
- Yellow (86%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)





- Cyan (21%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2916, 0.2919, 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 78.2916, 0.2919, 0.3322 by changing the saturation by 10% instead.


 78.2916, 0.2919,
0.3322

 78.2916, 0.2919,
0.3322

489.1566, 0.3014,
0.3308

 58.3136, 0.2898,
0.3325


130.9611, 0.2952,
0.3317

 42.0608, 0.2872,
0.3329


164.4213, 0.2964,
0.3315

 29.1489, 0.2839,
0.3333


203.1444, 0.2975,
0.3314

 19.1935, 0.2796,
0.3339

247.5148, 0.2985,
0.3312

 11.8102, 0.2739,
0.3346

297.9168, 0.2993,
0.3311

 6.6145, 0.2659,
0.3356

354.7348, 0.3001,

 3.2222, 0.2536,

0.3310

0.3369

418.3533, 0.3008,
0.3309

■ 1.2488, 0.2327,
0.3388

■ 0.1011, 0.0000,
0.2677

■ 78.2916, 0.2919,
0.3322

■ 78.2916, 0.2919,
0.3322

■ 75.1570, 0.2789,
0.3346

■ 81.9365, 0.3058,
0.3300

■ 72.5002, 0.2671,
0.3372


■ 86.1033, 0.3203,
0.3280


■ 70.2996, 0.2567,
0.3399

■ 87.4872, 0.3236,
0.3261


■ 68.5285, 0.2480,
0.3427

■ 87.6068, 0.3223,
0.3241

 67.1572, 0.2412,
0.3456


 87.7276, 0.3210,
0.3221

 66.1524, 0.2364,
0.3485


 87.8499, 0.3198,
0.3202

 65.4752, 0.2335,
0.3515

 87.9734, 0.3185,
0.3183

 65.0780, 0.2323,
0.3543

 88.0983, 0.3172,
0.3163

 64.9444, 0.2322,
0.3558

 88.2246, 0.3160,
0.3144

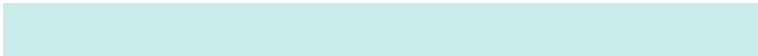
Harmonies

Analogous

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



78.2916, 0.3036, 0.3445



78.2916, 0.2919, 0.3322



78.2916, 0.2858, 0.3193

Triad

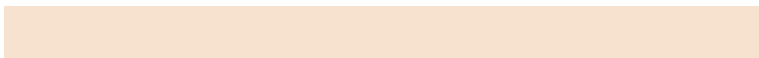
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2916, 0.2919, 0.3322



78.2916, 0.3071, 0.3068



78.2916, 0.3394, 0.3482

Complementary

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



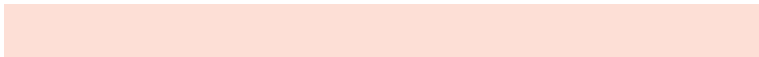
78.2916, 0.2919, 0.3322



63.9687, 0.3381, 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.



78.2916, 0.3404, 0.3377



78.2916, 0.2919, 0.3322



78.2916, 0.3216, 0.3142

Square

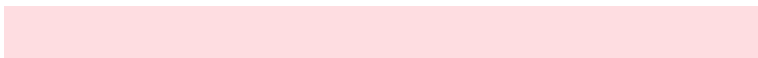
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



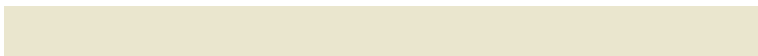
78.2916, 0.2919, 0.3322



78.2916, 0.2944, 0.3050



78.2916, 0.3339, 0.3254



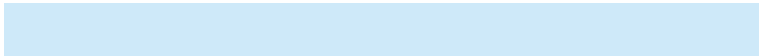
78.2916, 0.3310, 0.3537

Rectangle

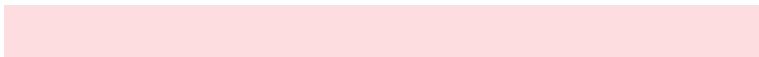
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



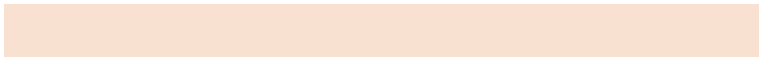
78.2916, 0.2919, 0.3322



78.2916, 0.2856, 0.3122



78.2916, 0.3339, 0.3254



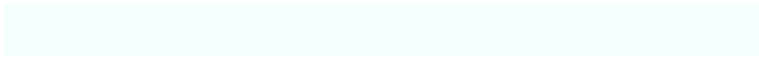
78.2916, 0.3406, 0.3451

Sweetspot

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



78.2949, 0.2919, 0.3322



98.0607, 0.3069, 0.3298



77.1185, 0.3132, 0.3683



20.9134, 0.3059, 0.3300



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.



78.2949, 0.2919, 0.3322



92.0606, 0.2876, 0.3330



70.7193, 0.2896, 0.3134



17.0985, 0.2993, 0.3310



35.8075, 0.2321, 0.3554



2.8183, 0.2309, 0.3513

Inverse Universe

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



63.9687, 0.3381, 0.3258



71.7147, 0.3449, 0.3251



70.6539, 0.3382, 0.3441



15.0749, 0.3280, 0.3270



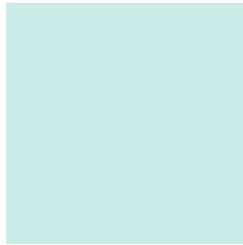
9.8655, 0.6305, 0.3247



0.7819, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 78.2916, 0.2919, 0.3322 looks on a white background.

Color Contrast Check

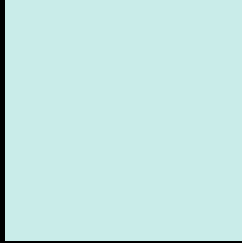
Large Text (above 18pt) WCAG AA × Fail

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 78.2916, 0.2919, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

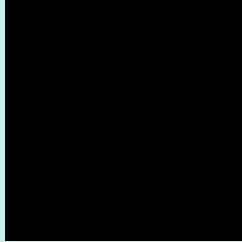
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

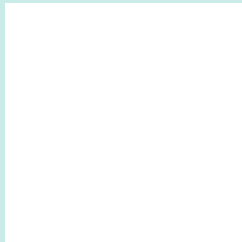
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2916, 0.2919, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 78.2916, 0.2919, 0.3322.

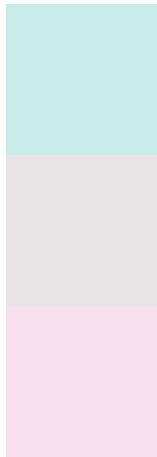


This preview shows how white text looks on a background with the Yxy color 78.2916, 0.2919, 0.3322.

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



Original Color

78.2916, 0.2919, 0.3322

Protanopia

77.6954, 0.3155, 0.3280

Deuteranopia

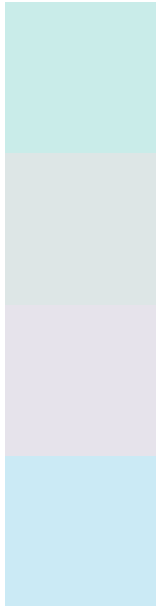
78.0728, 0.3211, 0.3149



Tritanopia

78.1435, 0.2829, 0.3087

Trichromacy



Original Color

78.2916, 0.2919, 0.3322

Protanomaly

77.6790, 0.3066, 0.3290

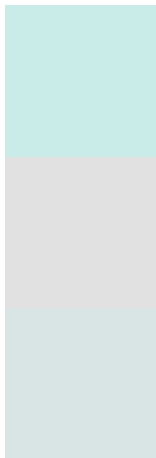
Deuteranomaly

77.7593, 0.3097, 0.3207

Tritanomaly

78.1347, 0.2862, 0.3171

Monochromacy



Original Color

78.2916, 0.2919, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.2390, 0.3045, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2916, 0.2919, 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(201, 236, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 233)  
}
```

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(201, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 233) }
```

Border

The CSS property to change the border of an element to Yxy 78.2916, 0.2919, 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(201, 236, 233) }
```

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

```
.border{ border-color:rgb(201, 236, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2916, 0.2919, 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(201, 236, 233) }
```

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

```
.background{ background-color: rgb(201,  
236, 233) }
```

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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