

Converting Colors

$Yxy(68.6664, 0.2991, 0.3376)$

Have a look what the booklet for
Yxy(68.6664, 0.2991, 0.3376)
contains.

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Color

Yxy(68.6997, 0.2991, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	C3DED6
RGB	195, 222, 214
RGB Percent	76%, 87%, 84%
CMY	0.2354, 0.1294, 0.1608
CMYK	0.12, 0.00, 0.04, 0.13
HSL	162°, 29%, 82%
HSV	162°, 12%, 87%
XYZ	60.7572, 68.6997, 73.6765
YIQ	213.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

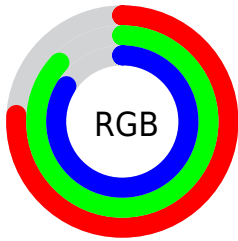
Format	Color
RYB	195, 211, 222
Decimal	12836566
CIELab	86.36, -10.47, 0.89
CIELCh	86, 10.509, 175.143
Yxy	68.6997, 0.2991, 0.3382
Android (android.graphics.Color)	4291026646 (0xFFC3DED6)
YUV	213.0150, 0.4856, -15.7992
Hunter-Lab	82.8853, -14.2038, 5.3170

Details

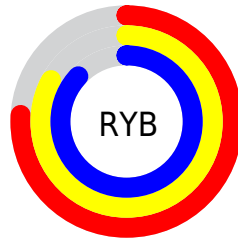
The Yxy color **68.6997, 0.2991, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8563, 0.3285, 0.3200**, and the grayscale version is **66.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **35.8034, 0.2960, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **65.6332, 0.2885, 0.3466**, and if you desaturate by 10%, it is **72.2252, 0.3102, 0.3306**.

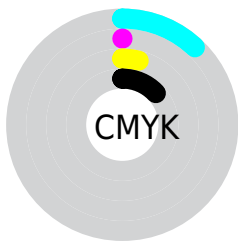
Distribution



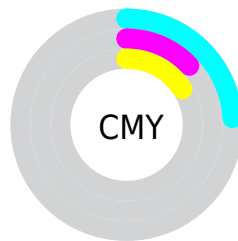
- Red (76%)
- Green (87%)
- Blue (84%)



- Red (76%)
- Yellow (83%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)




- Cyan (24%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6997, 0.2991, 0.3382 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 68.6997, 0.2991, 0.3382 by changing the saturation by 10% instead.

 68.6997, 0.2991,
0.3382

 68.6997, 0.2991,
0.3382

455.9711, 0.3055,
0.3339

 50.4672, 0.2976,
0.3392


 117.3526, 0.3013,
0.3367

 35.7847, 0.2958,
0.3404


148.5417, 0.3022,
0.3361

 24.2680, 0.2934,
0.3420


184.8185, 0.3029,
0.3356

 15.5325, 0.2903,
0.3442

226.5673, 0.3036,
0.3352

 9.1940, 0.2861,
0.3471

274.1726, 0.3041,
0.3348

 4.8679, 0.2798,
0.3514

328.0187, 0.3046,

 2.1700, 0.2696,

0.3345

0.3585

388.4901, 0.3051,
0.3342

0.7036, 0.2269,
0.3865

0.0000, 0.0000,
0.0000

68.6997, 0.2991,
0.3382

68.6997, 0.2991,
0.3382

65.6332, 0.2885,
0.3466

72.2252, 0.3102,
0.3306

62.9975, 0.2786,
0.3558

76.2194, 0.3216,
0.3237

60.7746, 0.2699,
0.3657

79.4353, 0.3284,
0.3174

58.9418, 0.2625,
0.3762

79.8198, 0.3239,
0.3110

■ 57.4742, 0.2568,
0.3871

■ 80.2184, 0.3195,
0.3047

■ 56.3437, 0.2530,
0.3983

■ 80.6314, 0.3152,
0.2984

■ 55.5184, 0.2512,
0.4097

■ 80.7302, 0.3142,
0.2970

■ 54.9597, 0.2514,
0.4209

■ 54.6591, 0.2527,
0.4296

Harmonies

Analogous

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



68.6997, 0.3113, 0.3476



68.6997, 0.2991, 0.3382



68.6997, 0.2906, 0.3264

Triad

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



68.6997, 0.2991, 0.3382



68.6997, 0.3010, 0.3073



68.6997, 0.3382, 0.3417

Complementary

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



68.6997, 0.2991, 0.3382



58.8563, 0.3285, 0.3200

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.



68.6997, 0.3354, 0.3310



68.6997, 0.2991, 0.3382



68.6997, 0.3137, 0.3114

Square

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



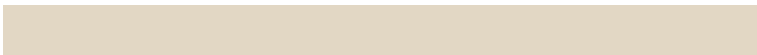
68.6997, 0.2991, 0.3382



68.6997, 0.2917, 0.3087



68.6997, 0.3263, 0.3200



68.6997, 0.3341, 0.3493

Rectangle

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



68.6997, 0.2991, 0.3382



68.6997, 0.2881, 0.3189



68.6997, 0.3263, 0.3200



68.6997, 0.3380, 0.3383

Sweetspot

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



68.7026, 0.2991, 0.3382



97.9234, 0.3082, 0.3319



68.8963, 0.3170, 0.3603



20.8786, 0.3073, 0.3325



0.0000, 0.0000, 0.0000



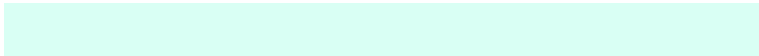
21.4041, 0.3127, 0.3290

Same Dimension

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



68.7026, 0.2991, 0.3382



92.7450, 0.2959, 0.3406



66.2939, 0.2940, 0.3227



15.4995, 0.3021, 0.3360



32.4820, 0.2522, 0.4280



2.2670, 0.2474, 0.4108

Inverse Universe

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



58.8563, 0.3285, 0.3200



76.3628, 0.3329, 0.3177



60.9522, 0.3339, 0.3352



13.7670, 0.3246, 0.3221



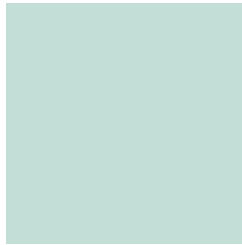
9.4733, 0.5767, 0.2951



0.6720, 0.5326, 0.2708

Previews

White Background



This preview shows how the Yxy color 68.6997, 0.2991, 0.3382 looks on a white background.

Color Contrast Check

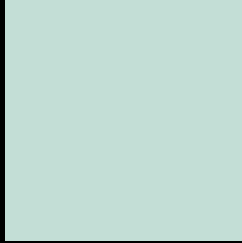
Large Text (above 18pt) WCAG AA × Fail

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 68.6997, 0.2991, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

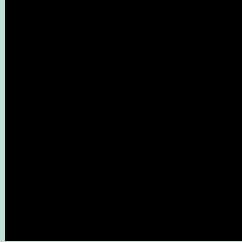
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

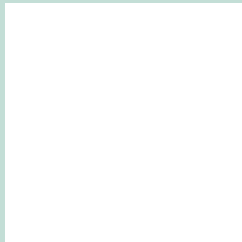
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6997, 0.2991, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 68.6997, 0.2991, 0.3382.

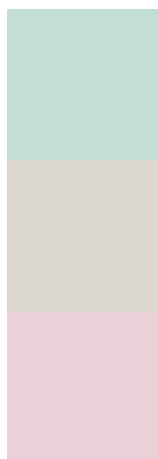


This preview shows how white text looks on a background with the Yxy color 68.6997, 0.2991, 0.3382.

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

68.6997, 0.2991, 0.3382

Protanopia

68.6262, 0.3205, 0.3345

Deuteranopia

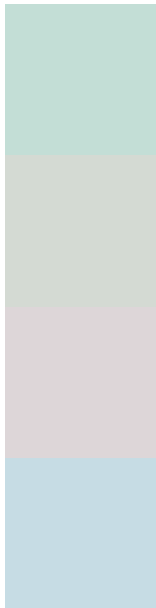
68.4435, 0.3274, 0.3205



Tritanopia

68.8613, 0.2882, 0.3100

Trichromacy



Original Color

68.6997, 0.2991, 0.3382

Protanomaly

68.8430, 0.3131, 0.3369

Deuteranomaly

68.4232, 0.3165, 0.3268

Tritanomaly

68.7936, 0.2924, 0.3199

Monochromacy



Original Color

68.6997, 0.2991, 0.3382

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0376, 0.3075, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6997, 0.2991, 0.3382 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(195, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 214)  
}
```

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(195, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 214) }
```

Border

The CSS property to change the border of an element to Yxy 68.6997, 0.2991, 0.3382 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(195, 222, 214) }
```

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

```
.border{ border-color:rgb(195, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6997, 0.2991, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 214) }
```

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

```
.background{ background-color: rgb(195,  
222, 214) }
```

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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