

Converting Colors

Yxy(66.9120, 0.3084, 0.3332)

Have a look what the booklet for
Yxy(66.9120, 0.3084, 0.3332)
contains.

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Color

Yxy(66.9870, 0.3082, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	CED8D4
RGB	206, 216, 212
RGB Percent	81%, 85%, 83%
CMY	0.1920, 0.1530, 0.1685
CMYK	0.05, 0.00, 0.02, 0.15
HSL	156°, 11%, 83%
HSV	156°, 5%, 85%
XYZ	61.9052, 66.9870, 71.9683
YIQ	212.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

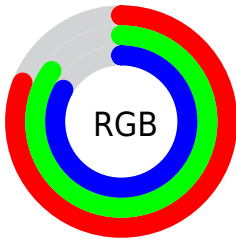
Format	Color
R _Y B	206, 212, 216
Decimal	13555924
CIE Lab	85.50, -4.08, 0.78
CIE LCh	85, 4.152, 169.192
Yxy	66.9870, 0.3082, 0.3335
Android (android.graphics.Color)	4291746004 (0xFFCED8D4)
YUV	212.5540, -0.2731, -5.7479
Hunter-Lab	81.8456, -8.2184, 5.1571

Details

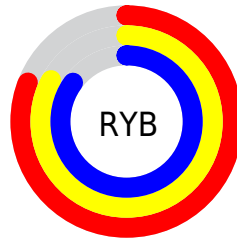
The Yxy color **66.9870, 0.3082, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4179, 0.3175, 0.3245**, and the grayscale version is **66.2375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5995, 0.3077, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **63.6834, 0.2986, 0.3441**, and if you desaturate by 10%, it is **70.7443, 0.3180, 0.3240**.

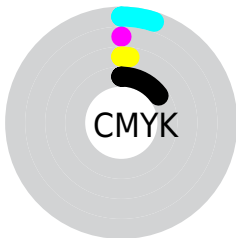
Distribution



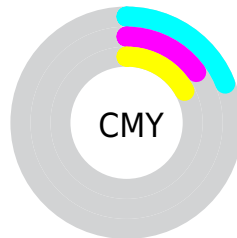
- Red (81%)
- Green (85%)
- Blue (83%)



- Red (81%)
- Yellow (83%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9870, 0.3082, 0.3335 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 66.9870, 0.3082, 0.3335 by changing the saturation by 10% instead.

■ 66.9870, 0.3082,
0.3335

■ 66.9870, 0.3082,
0.3335

449.8985, 0.3103,
0.3314

■ 49.0741, 0.3077,
0.3340

114.9018, 0.3089,
0.3328

■ 34.6782, 0.3071,
0.3346

145.6724, 0.3092,
0.3325

■ 23.4151, 0.3063,
0.3354

181.4977, 0.3095,
0.3322

■ 14.9003, 0.3052,
0.3364

222.7621, 0.3097,
0.3320

■ 8.7495, 0.3038,
0.3379

269.8500, 0.3099,
0.3318

■ 4.5781, 0.3016,
0.3401

323.1458, 0.3101,

■ 2.0019, 0.2981,

0.3317

0.3436

383.0338, 0.3102,
0.3315

0.6086, 0.2824,
0.3589

0.0000, 0.0000,
0.0000

66.9870, 0.3082,
0.3335

66.9870, 0.3082,
0.3335

63.6834, 0.2986,
0.3441

70.7443, 0.3180,
0.3240

60.8075, 0.2894,
0.3558

74.9634, 0.3279,
0.3156

58.3433, 0.2809,
0.3686


76.5324, 0.3261,
0.3073


56.2707, 0.2735,
0.3825


77.0510, 0.3202,
0.2990


 54.5677, 0.2674,
0.3971

 77.5863, 0.3145,
0.2910

 53.2102, 0.2631,
0.4124

 52.1711, 0.2606,
0.4280

 51.4190, 0.2601,
0.4436

 50.9157, 0.2617,
0.4588

Harmonies

Analogous

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



66.9870, 0.3133, 0.3368



66.9870, 0.3082, 0.3335



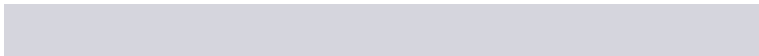
66.9870, 0.3044, 0.3290

Triad

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



66.9870, 0.3082, 0.3335



66.9870, 0.3072, 0.3202



66.9870, 0.3228, 0.3334

Complementary

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



66.9870, 0.3082, 0.3335



63.4179, 0.3175, 0.3245

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.



66.9870, 0.3212, 0.3290



66.9870, 0.3082, 0.3335



66.9870, 0.3121, 0.3214

Square

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



66.9870, 0.3082, 0.3335



66.9870, 0.3038, 0.3213



66.9870, 0.3172, 0.3246



66.9870, 0.3217, 0.3367

Rectangle

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



66.9870, 0.3082, 0.3335



66.9870, 0.3030, 0.3259



66.9870, 0.3172, 0.3246



66.9870, 0.3226, 0.3320

Sweetspot

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



66.9899, 0.3082, 0.3335



99.4542, 0.3117, 0.3300



67.2704, 0.3151, 0.3403



21.2930, 0.3118, 0.3299



0.0000, 0.0000, 0.0000



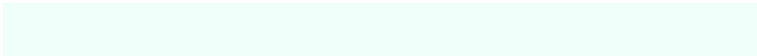
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9899, 0.3082, 0.3335



96.8257, 0.3068, 0.3350



66.6848, 0.3056, 0.3279



14.2247, 0.3063, 0.3355



30.0418, 0.2624, 0.4646



1.8281, 0.2552, 0.4385

Inverse Universe

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



63.4179, 0.3175, 0.3245



90.0456, 0.3191, 0.3231



63.7029, 0.3202, 0.3301



13.1415, 0.3197, 0.3226



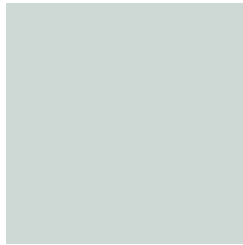
9.0607, 0.5368, 0.2731



0.5626, 0.4910, 0.2479

Previews

White Background



This preview shows how the Yxy color 66.9870, 0.3082, 0.3335 looks on a white background.

Color Contrast Check

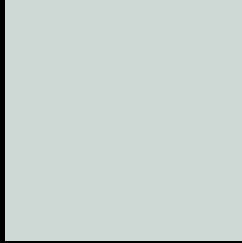
Large Text (above 18pt) WCAG AA × Fail

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 66.9870, 0.3082, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

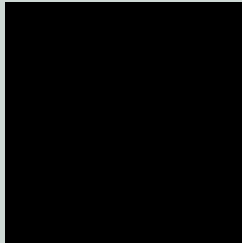
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

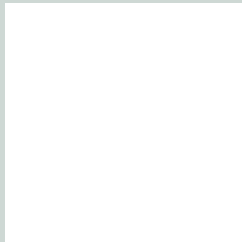
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9870, 0.3082, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 66.9870, 0.3082, 0.3335.



This preview shows how white text looks on a background with the Yxy color 66.9870, 0.3082, 0.3335.

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

66.9870, 0.3082, 0.3335

Protanopia

66.6455, 0.3185, 0.3313

Deuteranopia

66.9731, 0.3283, 0.3215



Tritanopia

66.8570, 0.2986, 0.3101

Trichromacy



Original Color

66.9870, 0.3082, 0.3335

Protanomaly

66.5878, 0.3148, 0.3313

Deuteranomaly

66.7446, 0.3211, 0.3257

Tritanomaly

66.8307, 0.3024, 0.3189

Monochromacy



Original Color

66.9870, 0.3082, 0.3335

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5989, 0.3105, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9870, 0.3082, 0.3335 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(206, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(206, 216, 212)  
}
```

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(206, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.9870, 0.3082, 0.3335 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(206, 216, 212) }
```

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

```
.border{ border-color:rgb(206, 216, 212) }
```

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

Here you see how a box with a 4 pixel rgb(206, 216, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9870, 0.3082, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 216, 212) }
```

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

```
.background{ background-color: rgb(206,  
216, 212) }
```

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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