

Converting Colors

Yxy(66.8821, 0.3122, 0.3393)

Have a look what the booklet for
Yxy(66.8821, 0.3122, 0.3393)
contains.

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Color

Yxy(66.8821, 0.3122, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	CFD8CF
RGB	207, 216, 207
RGB Percent	81%, 85%, 81%
CMY	0.1884, 0.1529, 0.1882
CMYK	0.04, 0.00, 0.04, 0.15
HSL	120°, 10%, 83%
HSV	120°, 4%, 85%
XYZ	61.5402, 66.8821, 68.6956
YIQ	212.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

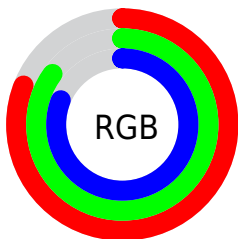
Format	Color
R_{YB}	207, 216, 216
Decimal	13621455
CIE Lab	85.44, -4.70, 3.37
CIE LCh	85, 5.785, 144.384
Yxy	66.8821, 0.3122, 0.3393
Android (android.graphics.Color)	4291811535 (0xFFCFD8CF)
YUV	212.2830, -2.6045, -4.6332
Hunter-Lab	81.7815, -8.7971, 7.4441

Details

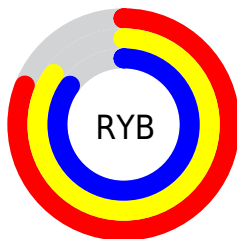
The Yxy color **66.8821, 0.3122, 0.3393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1613, 0.3132, 0.3189**, and the grayscale version is **66.0523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5620, 0.3121, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **63.0036, 0.3109, 0.3663**, and if you desaturate by 10%, it is **71.3351, 0.3134, 0.3157**.

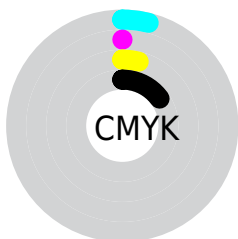
Distribution



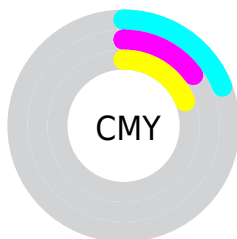
- Red (81%)
- Green (85%)
- Blue (81%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8821, 0.3122, 0.3393 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 66.8821, 0.3122, 0.3393 by changing the saturation by 10% instead.

■ 66.8821, 0.3122,
0.3393

■ 66.8821, 0.3122,
0.3393

449.5250, 0.3125,
0.3344

■ 48.9888, 0.3121,
0.3404

114.7515, 0.3123,
0.3376

■ 34.6106, 0.3121,
0.3419

145.4963, 0.3123,
0.3369

■ 23.3631, 0.3119,
0.3437

181.2938, 0.3124,
0.3364

■ 14.8618, 0.3118,
0.3461

222.5284, 0.3124,
0.3359

■ 8.7225, 0.3116,
0.3496

269.5844, 0.3124,
0.3354

■ 4.5606, 0.3112,
0.3547

322.8462, 0.3124,

■ 1.9918, 0.3105,

0.3351

0.3632

382.6983, 0.3124,
0.3347

0.6027, 0.3092,
0.4068

0.0000, 0.0000,
0.0000

66.8821, 0.3122,
0.3393

66.8821, 0.3122,
0.3393

63.0036, 0.3109,
0.3663

71.3351, 0.3134,
0.3157

59.6680, 0.3094,
0.3968

76.3757, 0.3144,
0.2954

56.8538, 0.3077,
0.4302

77.6014, 0.3145,
0.2911

54.5346, 0.3060,
0.4657

■ 52.6819, 0.3043,
0.5013

■ 51.2640, 0.3028,
0.5347

■ 50.2455, 0.3015,
0.5630

■ 49.5854, 0.3006,
0.5838

■ 49.2340, 0.3001,
0.5959

Harmonies

Analogous

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



66.8821, 0.3193, 0.3415



66.8821, 0.3122, 0.3393



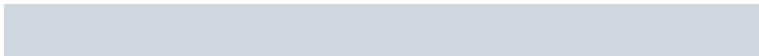
66.8821, 0.3053, 0.3343

Triad

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



66.8821, 0.3122, 0.3393



66.8821, 0.3009, 0.3178



66.8821, 0.3252, 0.3300

Complementary

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



66.8821, 0.3122, 0.3393



64.1613, 0.3132, 0.3189

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.



66.8821, 0.3201, 0.3238



66.8821, 0.3122, 0.3393



66.8821, 0.3061, 0.3168

Square

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



66.8821, 0.3122, 0.3393



66.8821, 0.2988, 0.3218



66.8821, 0.3131, 0.3190



66.8821, 0.3268, 0.3360

Rectangle

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



66.8821, 0.3122, 0.3393



66.8821, 0.3018, 0.3300



66.8821, 0.3131, 0.3190



66.8821, 0.3238, 0.3279

Sweetspot

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



66.8850, 0.3122, 0.3393



99.3572, 0.3126, 0.3314



68.2259, 0.3189, 0.3392



21.2733, 0.3126, 0.3313



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.



66.8850, 0.3122, 0.3393



96.8712, 0.3121, 0.3415



67.1076, 0.3092, 0.3341



14.2180, 0.3120, 0.3430



29.0711, 0.2999, 0.5997



1.7538, 0.2996, 0.5985

Inverse Universe

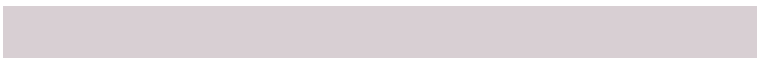
The Inverse Universe completely reimagines the original color for something new.



64.1613, 0.3132, 0.3189



92.1291, 0.3133, 0.3168



63.9324, 0.3164, 0.3239



13.4391, 0.3134, 0.3154



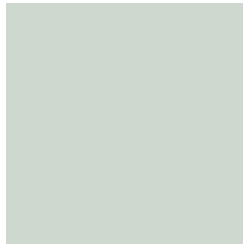
11.5432, 0.3222, 0.1548



0.6966, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 66.8821, 0.3122, 0.3393 looks on a white background.

Color Contrast Check

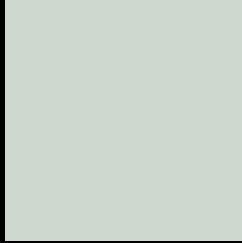
Large Text (above 18pt) WCAG AA × Fail

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 66.8821, 0.3122, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

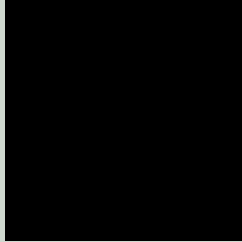
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

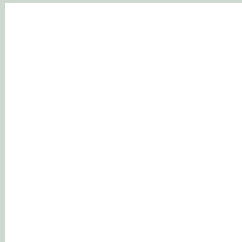
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8821, 0.3122, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 66.8821, 0.3122, 0.3393.



This preview shows how white text looks on a background with the Yxy color 66.8821, 0.3122, 0.3393.

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

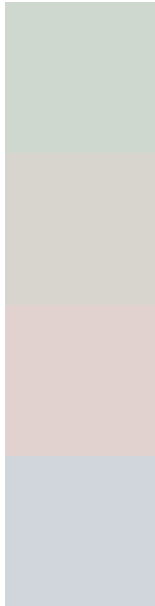




Tritanopia

66.9473, 0.2999, 0.3112

Trichromacy



Original Color

66.8821, 0.3122, 0.3393

Protanomaly

66.4918, 0.3190, 0.3369

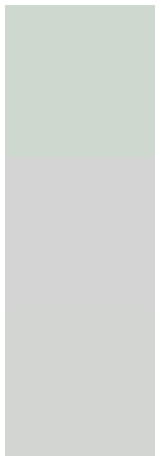
Deuteranomaly

66.6548, 0.3254, 0.3312

Tritanomaly

66.8689, 0.3044, 0.3211

Monochromacy



Original Color

66.8821, 0.3122, 0.3393

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9433, 0.3126, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8821, 0.3122, 0.3393 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(207, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 216, 207)  
}
```

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(207, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.8821, 0.3122, 0.3393 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(207, 216, 207) }
```

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

```
.border{ border-color:rgb(207, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8821, 0.3122, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 216, 207) }
```

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

```
.background{ background-color: rgb(207,  
216, 207) }
```

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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