

Converting Colors

Yxy(66.7944, 0.3059, 0.3286)

Have a look what the booklet for
Yxy(66.7944, 0.3059, 0.3286)
contains.

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Color

Yxy(66.6806, 0.3056, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CED7D8
RGB	206, 215, 216
RGB Percent	81%, 84%, 85%
CMY	0.1919, 0.1569, 0.1529
CMYK	0.05, 0.00, 0.00, 0.15
HSL	186°, 11%, 83%
HSV	186°, 5%, 85%
XYZ	62.1647, 66.6806, 74.5732
YIQ	212.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

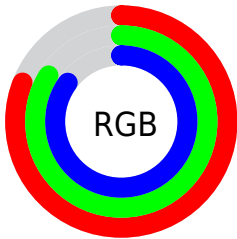
Format	Color
R _Y B	206, 211, 216
Decimal	13555672
CIE Lab	85.34, -2.81, -1.57
CIE LCh	85, 3.213, 209.169
Yxy	66.6806, 0.3056, 0.3278
Android (android.graphics.Color)	4291745752 (0xFFCED7D8)
YUV	212.4230, 1.7635, -5.6330
Hunter-Lab	81.6582, -7.0134, 3.0149

Details

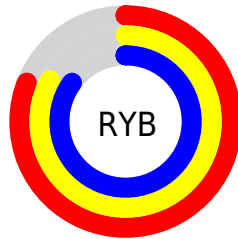
The Yxy color **66.6806, 0.3056, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7389, 0.3202, 0.3302**, and the grayscale version is **66.1341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3902, 0.3043, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **62.6613, 0.2905, 0.3250**, and if you desaturate by 10%, it is **71.1463, 0.3211, 0.3303**.

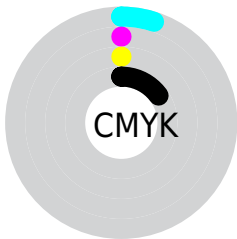
Distribution



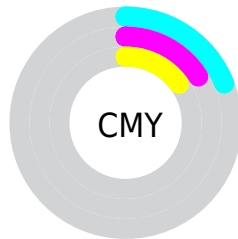
- Red (81%)
- Green (84%)
- Blue (85%)



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



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



- Cyan (19%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6806, 0.3056, 0.3278 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 66.6806, 0.3056, 0.3278 by changing the saturation by 10% instead.

■ 66.6806, 0.3056,
0.3278

■ 66.6806, 0.3056,
0.3278

448.8070, 0.3089,
0.3284

■ 48.8251, 0.3048,
0.3277

114.4626, 0.3068,
0.3280

■ 34.4808, 0.3039,
0.3275

145.1579, 0.3072,
0.3281

■ 23.2632, 0.3026,
0.3273

180.9020, 0.3076,
0.3282

■ 14.7880, 0.3010,
0.3270

222.0792, 0.3079,
0.3282

■ 8.6707, 0.2987,
0.3265

269.0739, 0.3082,
0.3283

■ 4.5270, 0.2954,
0.3259

322.2705, 0.3085,

■ 1.9725, 0.2899,

0.3283

382.0534, 0.3087,
0.3283

0.3248

0.5914, 0.2685,
0.3217

0.0000, 0.0000,
0.0000

66.6806, 0.3056,
0.3278

66.6806, 0.3056,
0.3278

62.6613, 0.2905,
0.3250

71.1463, 0.3211,
0.3303

59.0627, 0.2761,
0.3220

76.0662, 0.3368,
0.3326

55.8691, 0.2627,
0.3188

78.3221, 0.3407,
0.3348

53.0606, 0.2506,
0.3154

79.5241, 0.3403,
0.3371

■ 50.6156, 0.2401,
0.3119

■ 80.7421, 0.3400,
0.3393

■ 48.5104, 0.2314,
0.3083

■ 81.9762, 0.3397,
0.3416

■ 46.7180, 0.2246,
0.3047

■ 83.2265, 0.3393,
0.3438

■ 45.2076, 0.2197,
0.3010

■ 84.4929, 0.3390,
0.3460

■ 43.9412, 0.2166,
0.2975

■ 85.7756, 0.3386,
0.3482

Harmonies

Analogous

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



66.6806, 0.3081, 0.3314



66.6806, 0.3056, 0.3278



66.6806, 0.3050, 0.3246

Triad

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



66.6806, 0.3056, 0.3278



66.6806, 0.3136, 0.3238



66.6806, 0.3190, 0.3355

Complementary

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



66.6806, 0.3056, 0.3278



63.7389, 0.3202, 0.3302

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.



66.6806, 0.3205, 0.3334



66.6806, 0.3056, 0.3278



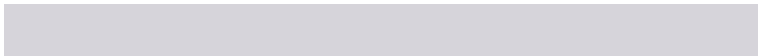
66.6806, 0.3174, 0.3267

Square

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



66.6806, 0.3056, 0.3278



66.6806, 0.3096, 0.3223



66.6806, 0.3199, 0.3302



66.6806, 0.3158, 0.3359

Rectangle

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



66.6806, 0.3056, 0.3278



66.6806, 0.3058, 0.3231



66.6806, 0.3199, 0.3302



66.6806, 0.3197, 0.3350

Sweetspot

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



66.6834, 0.3056, 0.3278



99.3501, 0.3112, 0.3287



66.7624, 0.3115, 0.3392



21.2719, 0.3112, 0.3288



0.0000, 0.0000, 0.0000



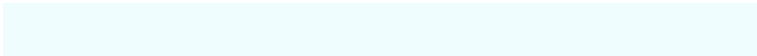
21.4041, 0.3127, 0.3290

Same Dimension

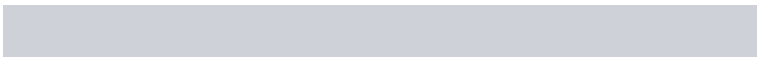
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6834, 0.3056, 0.3278



96.1997, 0.3034, 0.3274



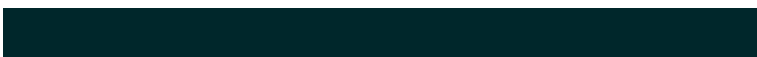
64.2086, 0.3057, 0.3222



14.1243, 0.3026, 0.3273



25.7320, 0.2156, 0.2961



1.6171, 0.2173, 0.3023

Inverse Universe

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



63.6836, 0.3140, 0.3190



90.5214, 0.3144, 0.3158



66.1689, 0.3198, 0.3357



13.2176, 0.3145, 0.3146



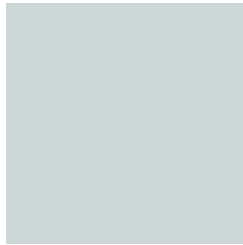
10.9425, 0.3489, 0.1695



0.6666, 0.3434, 0.1666

Previews

White Background



This preview shows how the Yxy color 66.6806, 0.3056, 0.3278 looks on a white background.

Color Contrast Check

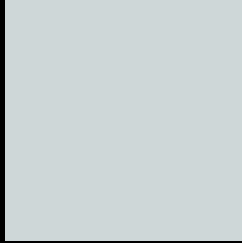
Large Text (above 18pt) WCAG AA × Fail

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 66.6806, 0.3056, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

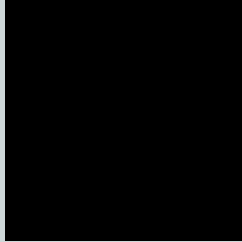
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

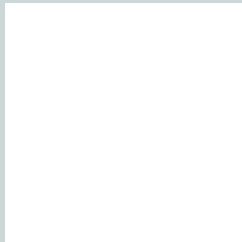
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6806, 0.3056, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 66.6806, 0.3056, 0.3278.

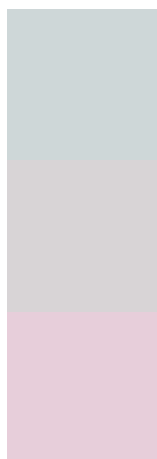


This preview shows how white text looks on a background with the Yxy color 66.6806, 0.3056, 0.3278.

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

66.6806, 0.3056, 0.3278

Protanopia

66.5409, 0.3143, 0.3268

Deuteranopia

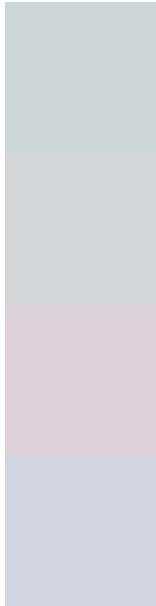
66.1935, 0.3232, 0.3161



Tritanopia

66.7116, 0.2979, 0.3101

Trichromacy



Original Color

66.6806, 0.3056, 0.3278

Protanomaly

66.4918, 0.3106, 0.3267

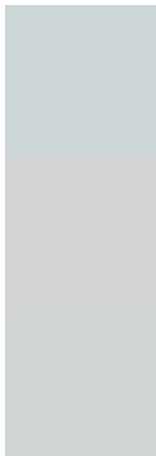
Deuteranomaly

66.1403, 0.3169, 0.3202

Tritanomaly

66.7948, 0.3004, 0.3166

Monochromacy



Original Color

66.6806, 0.3056, 0.3278

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0942, 0.3105, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6806, 0.3056, 0.3278 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, 215, 216) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 216)  
}
```

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, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.6806, 0.3056, 0.3278 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, 215, 216) }
```

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

```
.border{ border-color:rgb(206, 215, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 215, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6806, 0.3056, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 216) }
```

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

```
.background{ background-color: rgb(206,  
215, 216) }
```

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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