

Converting Colors

Yxy(66.8082, 0.2892, 0.3109)

Have a look what the booklet for
Yxy(66.8082, 0.2892, 0.3109)
contains.

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Color

Yxy(66.8082, 0.2892, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	C5D8E8
RGB	197, 216, 232
RGB Percent	77%, 85%, 91%
CMY	0.2274, 0.1529, 0.0904
CMYK	0.15, 0.07, 0.00, 0.09
HSL	207°, 43%, 84%
HSV	207°, 15%, 91%
XYZ	62.1452, 66.8082, 85.9331
YIQ	212.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

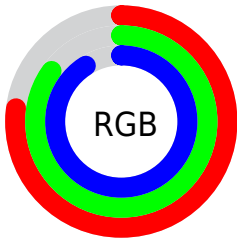
Format	Color
R _Y B	197, 209, 232
Decimal	12966120
CIE Lab	85.41, -3.13, -9.99
CIE LCh	85, 10.465, 252.602
Yxy	66.8082, 0.2892, 0.3109
Android (android.graphics.Color)	4291156200 (0xFFC5D8E8)
YUV	212.1430, 9.7895, -13.2804
Hunter-Lab	81.7363, -7.3226, -5.1189

Details

The Yxy color **66.8082, 0.2892, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7544, 0.3383, 0.3465**, and the grayscale version is **65.8819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.4640, 0.2838, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **58.6634, 0.2731, 0.2972**, and if you desaturate by 10%, it is **75.7901, 0.3049, 0.3232**.

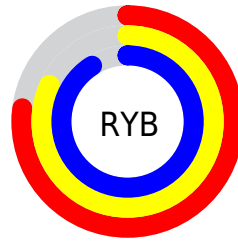
Distribution



Red (77%)

Green (85%)

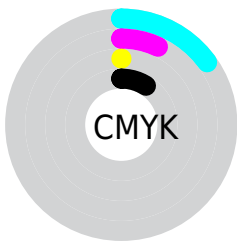
Blue (91%)



Red (77%)

Yellow (82%)

Blue (91%)

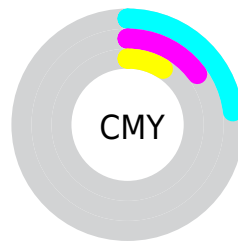


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8082, 0.2892, 0.3109 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 66.8082, 0.2892, 0.3109 by changing the saturation by 10% instead.

■ 66.8082, 0.2892,
0.3109

■ 66.8082, 0.2892,
0.3109

449.2618, 0.3002,
0.3194

■ 48.9288, 0.2867,
0.3089

114.6455, 0.2930,
0.3139

■ 34.5630, 0.2835,
0.3064

145.3722, 0.2945,
0.3151

■ 23.3264, 0.2795,
0.3032

181.1502, 0.2958,
0.3160

■ 14.8347, 0.2743,
0.2990

222.3637, 0.2969,
0.3169

■ 8.7035, 0.2670,
0.2932

269.3972, 0.2979,
0.3177

■ 4.5483, 0.2565,
0.2846

322.6351, 0.2987,

■ 1.9847, 0.2398,

0.3183

0.2706

382.4618, 0.2995,
0.3189

0.5986, 0.1974,
0.2399

0.0000, 0.0000,
0.0000

66.8082, 0.2892,
0.3109

66.8082, 0.2892,
0.3109

58.6634, 0.2731,
0.2972

75.7901, 0.3049,
0.3232

51.3190, 0.2570,
0.2823

85.6277, 0.3201,
0.3343

44.7473, 0.2413,
0.2662

94.0817, 0.3269,
0.3444

38.9155, 0.2263,
0.2491

98.6039, 0.3262,
0.3513

■ 33.7882, 0.2127,
0.2313

■ 29.3257, 0.2008,
0.2134

■ 25.4831, 0.1911,
0.1956

■ 22.2066, 0.1837,
0.1784

■ 20.7599, 0.1806,
0.1702

Harmonies

Analogous

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



66.8082, 0.2881, 0.3197



66.8082, 0.2892, 0.3109



66.8082, 0.2965, 0.3071

Triad

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



66.8082, 0.2892, 0.3109



66.8082, 0.3323, 0.3262



66.8082, 0.3169, 0.3501

Complementary

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



66.8082, 0.2892, 0.3109



68.7544, 0.3383, 0.3465

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.



66.8082, 0.3289, 0.3515



66.8082, 0.2892, 0.3109



66.8082, 0.3380, 0.3375

Square

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



66.8082, 0.2892, 0.3109



66.8082, 0.3213, 0.3159



66.8082, 0.3367, 0.3468



66.8082, 0.3039, 0.3427

Rectangle

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



66.8082, 0.2892, 0.3109



66.8082, 0.3039, 0.3077



66.8082, 0.3367, 0.3468



66.8082, 0.3212, 0.3513

Sweetspot

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



66.8110, 0.2892, 0.3109



94.0035, 0.3050, 0.3233



74.3541, 0.3012, 0.3508



19.9449, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



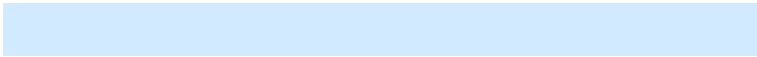
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8110, 0.2892, 0.3109



79.6604, 0.2844, 0.3069



58.4340, 0.2885, 0.2908



15.1785, 0.2981, 0.3180



11.7845, 0.1814, 0.1729



1.0561, 0.1882, 0.1976

Inverse Universe

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



62.0468, 0.3263, 0.3084



72.8530, 0.3295, 0.3041



77.8933, 0.3356, 0.3645



14.4984, 0.3208, 0.3163



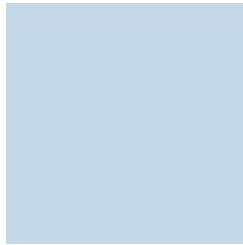
10.3874, 0.4771, 0.2402



0.7863, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 66.8082, 0.2892, 0.3109 looks on a white background.

Color Contrast Check

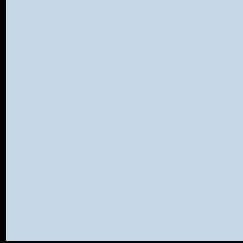
Large Text (above 18pt) WCAG AA × Fail

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 66.8082, 0.2892, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

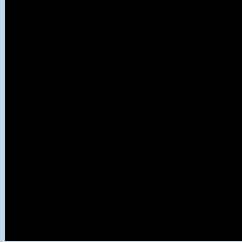
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

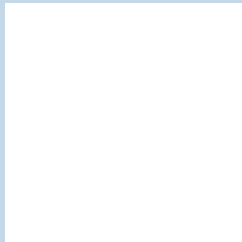
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8082, 0.2892, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 66.8082, 0.2892, 0.3109.

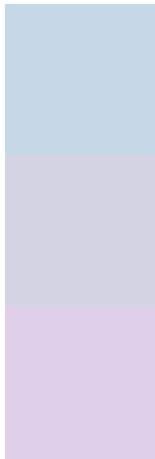


This preview shows how white text looks on a background with the Yxy color 66.8082, 0.2892, 0.3109.

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

66.8082, 0.2892, 0.3109

Protanopia

66.7412, 0.3013, 0.3102

Deuteranopia

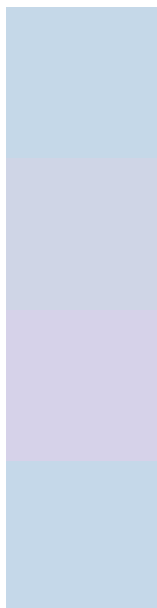
66.4135, 0.3067, 0.3000



Tritanopia

66.8652, 0.2886, 0.3097

Trichromacy



Original Color

66.8082, 0.2892, 0.3109

Protanomaly

66.5671, 0.2972, 0.3100

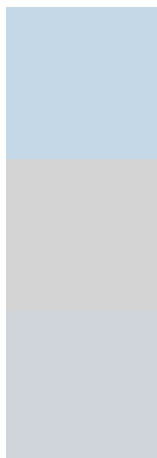
Deuteranomaly

66.2725, 0.3001, 0.3037

Tritanomaly

66.8652, 0.2886, 0.3097

Monochromacy



Original Color

66.8082, 0.2892, 0.3109

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9684, 0.3043, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8082, 0.2892, 0.3109 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(197, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 232)  
}
```

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(197, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 232) }
```

Border

The CSS property to change the border of an element to Yxy 66.8082, 0.2892, 0.3109 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(197, 216, 232) }
```

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

```
.border{ border-color:rgb(197, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8082, 0.2892, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 232) }
```

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

```
.background{ background-color: rgb(197,  
216, 232) }
```

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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