

Converting Colors

Yxy(69.4838, 0.2984, 0.3199)

Have a look what the booklet for
Yxy(69.4838, 0.2984, 0.3199)
contains.

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Color

Yxy(69.3309, 0.2984, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBE3
RGB	206, 219, 227
RGB Percent	81%, 86%, 89%
CMY	0.1922, 0.1412, 0.1096
CMYK	0.09, 0.04, 0.00, 0.11
HSL	203°, 27%, 85%
HSV	203°, 9%, 89%
XYZ	64.6511, 69.3309, 82.6771
YIQ	216.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

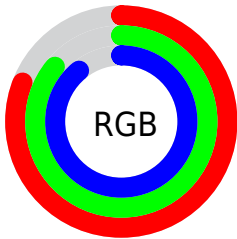
Format	Color
RYB	206, 214, 227
Decimal	13556707
CIELab	86.67, -2.81, -5.45
CIElCh	87, 6.129, 242.746
Yxy	69.3309, 0.2984, 0.3200
Android (android.graphics.Color)	4291746787 (0xFFCEDBE3)
YUV	216.0250, 5.4107, -8.7919
Hunter-Lab	83.2652, -7.1181, -0.5856

Details

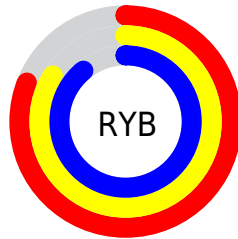
The Yxy color **69.3309, 0.2984, 0.3200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8968, 0.3280, 0.3378**, and the grayscale version is **68.6564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2049, 0.2950, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **61.9116, 0.2827, 0.3093**, and if you desaturate by 10%, it is **77.4607, 0.3138, 0.3297**.

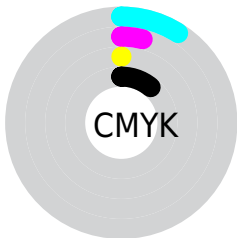
Distribution



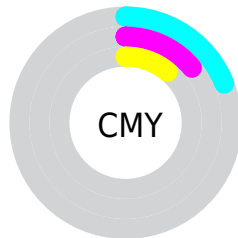
- Red (81%)
- Green (86%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3309, 0.2984, 0.3200 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 69.3309, 0.2984, 0.3200 by changing the saturation by 10% instead.

■ 69.3309, 0.2984,
0.3200

■ 69.3309, 0.2984,
0.3200

458.1972, 0.3051,
0.3242

■ 50.9812, 0.2969,
0.3190

118.2541, 0.3007,
0.3215

■ 36.1937, 0.2950,
0.3178

149.5964, 0.3016,
0.3221

■ 24.5838, 0.2926,
0.3162

186.0384, 0.3024,
0.3225

■ 15.7673, 0.2894,
0.3142

227.9644, 0.3031,
0.3230

■ 9.3596, 0.2850,
0.3113

275.7589, 0.3037,
0.3233

■ 4.9765, 0.2787,
0.3071

329.8063, 0.3042,

■ 2.2335, 0.2686,

0.3237

0.3002

390.4909, 0.3046,
0.3240

0.7381, 0.2460,
0.2869

0.0000, 0.0000,
0.0000

69.3309, 0.2984,
0.3200

69.3309, 0.2984,
0.3200

61.9116, 0.2827,
0.3093

77.4607, 0.3138,
0.3297

55.1705, 0.2671,
0.2975

86.3147, 0.3288,
0.3383

49.0855, 0.2518,
0.2848

92.1132, 0.3303,
0.3466

43.6296, 0.2372,
0.2711

97.4794, 0.3293,
0.3549

■ 38.7735, 0.2238,
0.2568

■ 98.3284, 0.3291,
0.3561

■ 34.4850, 0.2120,
0.2421

■ 30.7279, 0.2021,
0.2272

■ 27.4598, 0.1943,
0.2125

■ 24.6153, 0.1885,
0.1981

Harmonies

Analogous

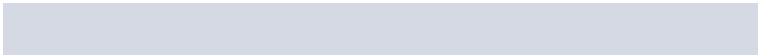
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3309, 0.2990, 0.3259



69.3309, 0.2984, 0.3200



69.3309, 0.3016, 0.3166

Triad

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



69.3309, 0.2984, 0.3200



69.3309, 0.3222, 0.3253



69.3309, 0.3176, 0.3418

Complementary

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



69.3309, 0.2984, 0.3200



68.8968, 0.3280, 0.3378

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.



69.3309, 0.3239, 0.3415



69.3309, 0.2984, 0.3200



69.3309, 0.3266, 0.3319

Square

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



69.3309, 0.2984, 0.3200



69.3309, 0.3153, 0.3197



69.3309, 0.3273, 0.3378



69.3309, 0.3101, 0.3386

Rectangle

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



69.3309, 0.2984, 0.3200



69.3309, 0.3054, 0.3162



69.3309, 0.3273, 0.3378



69.3309, 0.3200, 0.3421

Sweetspot

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



69.3338, 0.2984, 0.3200



96.7292, 0.3081, 0.3262



72.9207, 0.3067, 0.3439



20.5200, 0.3068, 0.3254



0.0000, 0.0000, 0.0000



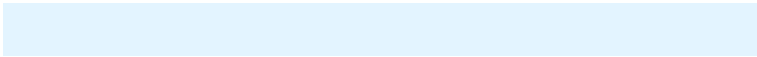
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3338, 0.2984, 0.3200



88.4218, 0.2956, 0.3182



64.1668, 0.2983, 0.3084



15.3639, 0.2981, 0.3198



14.4679, 0.1887, 0.1992



1.2472, 0.1945, 0.2202

Inverse Universe

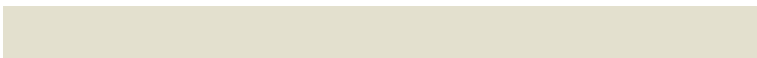
The Inverse Universe completely reimagines the original color for something new.



65.5875, 0.3195, 0.3149



82.7204, 0.3209, 0.3120



74.2305, 0.3268, 0.3488



14.5171, 0.3196, 0.3146



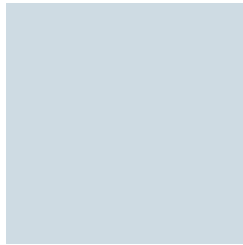
10.6583, 0.4462, 0.2232



0.8056, 0.4230, 0.2104

Previews

White Background



This preview shows how the Yxy color 69.3309, 0.2984, 0.3200 looks on a white background.

Color Contrast Check

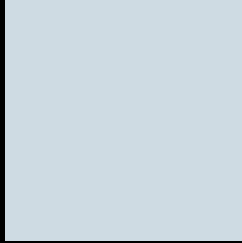
Large Text (above 18pt) WCAG AA × Fail

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 69.3309, 0.2984, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

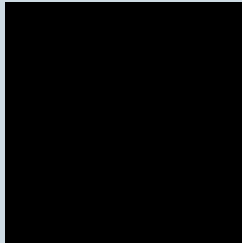
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

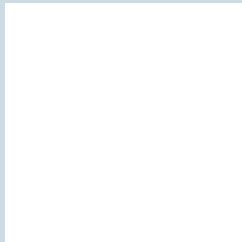
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3309, 0.2984, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 69.3309, 0.2984, 0.3200.

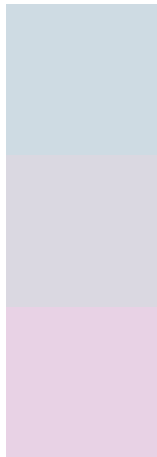


This preview shows how white text looks on a background with the Yxy color 69.3309, 0.2984, 0.3200.

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

69.3309, 0.2984, 0.3200

Protanopia

69.4534, 0.3082, 0.3192

Deuteranopia

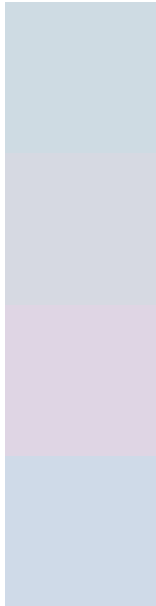
68.9061, 0.3159, 0.3089



Tritanopia

69.4064, 0.2941, 0.3102

Trichromacy



Original Color

69.3309, 0.2984, 0.3200

Protanomaly

69.4128, 0.3046, 0.3191

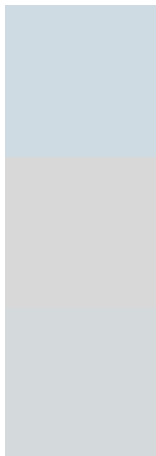
Deuteranomaly

68.8779, 0.3098, 0.3128

Tritanomaly

69.2344, 0.2960, 0.3135

Monochromacy



Original Color

69.3309, 0.2984, 0.3200

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7901, 0.3071, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3309, 0.2984, 0.3200 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, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 227)  
}
```

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, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.3309, 0.2984, 0.3200 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, 219, 227) }
```

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

```
.border{ border-color:rgb(206, 219, 227) }
```

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

Here you see how a box with a 4 pixel rgb(206, 219, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3309, 0.2984, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 227) }
```

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

```
.background{ background-color: rgb(206,  
219, 227) }
```

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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