

Converting Colors

$Yxy(69.3363, 0.2820, 0.3120)$

Have a look what the booklet for
Yxy(69.3363, 0.2820, 0.3120)
contains.

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Color

Yxy(69.3041, 0.2820, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	BEDEED
RGB	190, 222, 237
RGB Percent	75%, 87%, 93%
CMY	0.2549, 0.1294, 0.0706
CMYK	0.20, 0.06, 0.00, 0.07
HSL	199°, 57%, 84%
HSV	199°, 20%, 93%
XYZ	62.6402, 69.3041, 90.1842
YIQ	214.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

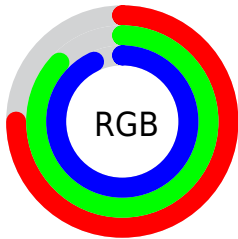
Format	Color
R _Y B	190, 209, 237
Decimal	12508909
CIE Lab	86.65, -7.36, -10.83
CIE LCh	87, 13.096, 235.824
Yxy	69.3041, 0.2820, 0.3120
Android (android.graphics.Color)	4290698989 (0xFFBEDEED)
YUV	214.1420, 11.2690, -21.1725
Hunter-Lab	83.2491, -11.3747, -5.9548

Details

The Yxy color **69.3041, 0.2820, 0.3120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.3724, 0.3489, 0.3454**, and the grayscale version is **67.2815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **36.2079, 0.2749, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **62.5754, 0.2667, 0.3022**, and if you desaturate by 10%, it is **76.7145, 0.2975, 0.3210**.

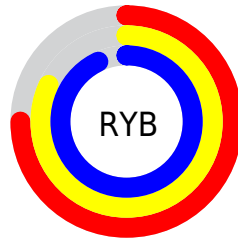
Distribution



Red (75%)

Green (87%)

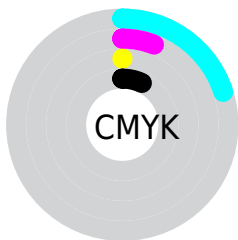
Blue (93%)



Red (75%)

Yellow (82%)

Blue (93%)

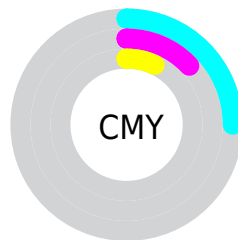


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3041, 0.2820, 0.3120 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 69.3041, 0.2820, 0.3120 by changing the saturation by 10% instead.

69.3041, 0.2820,
0.3120

69.3041, 0.2820,
0.3120

458.1028, 0.2962,
0.3201

50.9594, 0.2788,
0.3101

118.2158, 0.2869,
0.3148

36.1763, 0.2748,
0.3078

149.5516, 0.2888,
0.3159

24.5704, 0.2697,
0.3047

185.9866, 0.2905,
0.3169

15.7573, 0.2631,
0.3007

227.9052, 0.2919,
0.3177

9.3526, 0.2541,
0.2952

275.6916, 0.2932,
0.3184

4.9718, 0.2413,
0.2869

329.7305, 0.2943,

2.2308, 0.2213,

0.3190

0.2736

390.4061, 0.2953,
0.3196

0.7367, 0.1766,
0.2499

0.0000, 0.0000,
0.0000

69.3041, 0.2820,
0.3120

69.3041, 0.2820,
0.3120

62.5754, 0.2667,
0.3022

76.7145, 0.2975,
0.3210

56.4935, 0.2520,
0.2916

84.8227, 0.3130,
0.3291

51.0331, 0.2382,
0.2803

92.4801, 0.3241,
0.3365

46.1632, 0.2258,
0.2684

97.1370, 0.3235,
0.3437

■ 41.8497, 0.2150,
0.2563

■ 98.8936, 0.3232,
0.3464

■ 38.0540, 0.2061,
0.2440

■ 34.7303, 0.1994,
0.2318

■ 31.8045, 0.1944,
0.2198

■ 31.7557, 0.1943,
0.2196

Harmonies

Analogous

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



69.3041, 0.2851, 0.3253



69.3041, 0.2820, 0.3120



69.3041, 0.2868, 0.3037

Triad

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



69.3041, 0.2820, 0.3120



69.3041, 0.3299, 0.3181



69.3041, 0.3265, 0.3572

Complementary

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



69.3041, 0.2820, 0.3120



65.3724, 0.3489, 0.3454

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.



69.3041, 0.3390, 0.3544



69.3041, 0.2820, 0.3120



69.3041, 0.3411, 0.3316

Square

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



69.3041, 0.2820, 0.3120



69.3041, 0.3142, 0.3075



69.3041, 0.3444, 0.3449



69.3041, 0.3106, 0.3520

Rectangle

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



69.3041, 0.2820, 0.3120



69.3041, 0.2940, 0.3019



69.3041, 0.3444, 0.3449



69.3041, 0.3313, 0.3571

Sweetspot

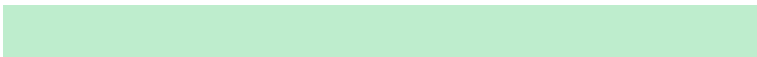
The Sweet Spot groups the original color and five complimentary colors.



69.3069, 0.2820, 0.3120



94.1401, 0.3034, 0.3242



75.9092, 0.3013, 0.3659



20.0173, 0.3024, 0.3237



0.0000, 0.0000, 0.0000



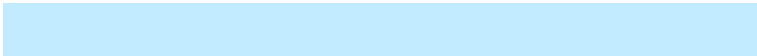
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3069, 0.2820, 0.3120



78.3603, 0.2754, 0.3079



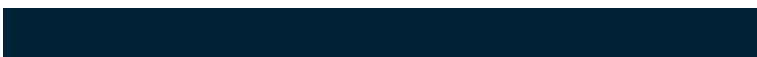
57.7303, 0.2803, 0.2846



16.2650, 0.2981, 0.3213



17.5866, 0.1949, 0.2216



1.5530, 0.1995, 0.2382

Inverse Universe

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



60.1033, 0.3263, 0.2949



65.7811, 0.3299, 0.2872



77.4113, 0.3442, 0.3698



15.2273, 0.3187, 0.3131



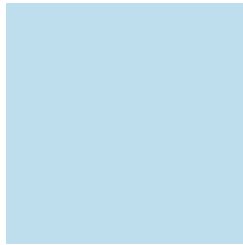
11.2682, 0.4216, 0.2096



0.9022, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 69.3041, 0.2820, 0.3120 looks on a white background.

Color Contrast Check

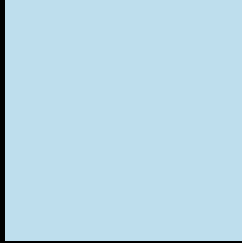
Large Text (above 18pt) WCAG AA × Fail

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 69.3041, 0.2820, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

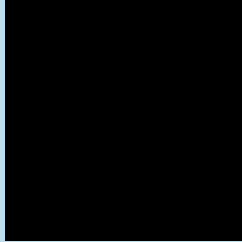
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

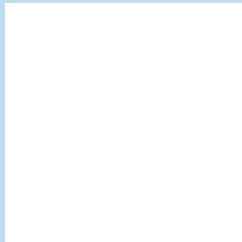
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3041, 0.2820, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 69.3041, 0.2820, 0.3120.

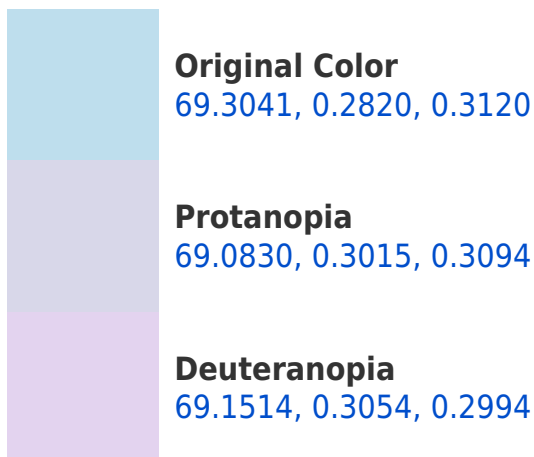


This preview shows how white text looks on a background with the Yxy color 69.3041, 0.2820, 0.3120.

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

69.4217, 0.2808, 0.3098

Trichromacy



Original Color

69.3041, 0.2820, 0.3120

Protanomaly

69.3487, 0.2947, 0.3113

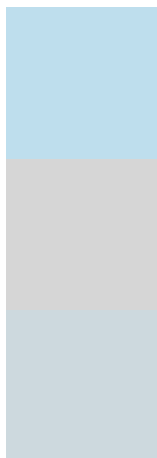
Deuteranomaly

69.0701, 0.2969, 0.3040

Tritanomaly

69.3627, 0.2814, 0.3109

Monochromacy



Original Color

69.3041, 0.2820, 0.3120

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8788, 0.3009, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3041, 0.2820, 0.3120 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(190, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 222, 237)  
}
```

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(190, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 222, 237) }
```

Border

The CSS property to change the border of an element to Yxy 69.3041, 0.2820, 0.3120 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(190, 222, 237) }
```

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

```
.border{ border-color:rgb(190, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(190, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 222,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3041, 0.2820, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 222, 237) }
```

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

```
.background{ background-color: rgb(190,  
222, 237) }
```

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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