

Converting Colors

$Yxy(65.3029, 0.2832, 0.3083)$

Have a look what the booklet for
Yxy(65.3029, 0.2832, 0.3083)
contains.

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Color

Yxy(65.3029, 0.2832, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	BDD7E9
RGB	189, 215, 233
RGB Percent	74%, 84%, 91%
CMY	0.2590, 0.1568, 0.0863
CMYK	0.19, 0.08, 0.00, 0.09
HSL	204°, 50%, 83%
HSV	204°, 19%, 91%
XYZ	59.9863, 65.3029, 86.5269
YIQ	209.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

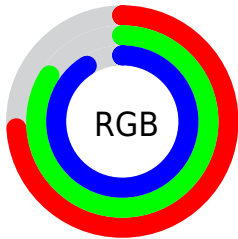
Format	Color
RYB	189, 205, 233
Decimal	12441577
CIELab	84.64, -4.91, -11.73
CIELCh	85, 12.719, 247.311
Yxy	65.3029, 0.2832, 0.3083
Android (android.graphics.Color)	4290631657 (0xFFBDD7E9)
YUV	209.2780, 11.6949, -17.7838
Hunter-Lab	80.8102, -8.9153, -6.9171

Details

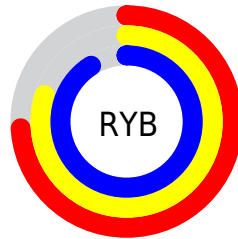
The Yxy color **65.3029, 0.2832, 0.3083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5910, 0.3461, 0.3488**, and the grayscale version is **63.8813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **33.4668, 0.2762, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **57.8570, 0.2674, 0.2957**, and if you desaturate by 10%, it is **73.5145, 0.2990, 0.3198**.

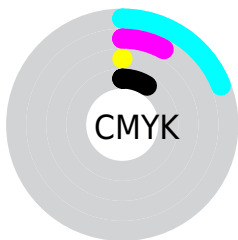
Distribution



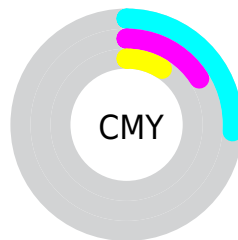
- Red (74%)
- Green (84%)
- Blue (91%)



- Red (74%)
- Yellow (80%)
- Blue (91%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3029, 0.2832, 0.3083 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 65.3029, 0.2832, 0.3083 by changing the saturation by 10% instead.

■ 65.3029, 0.2832,
0.3083

■ 65.3029, 0.2832,
0.3083

443.8797, 0.2970,
0.3181

■ 47.7067, 0.2800,
0.3060

■ 112.4852, 0.2880,
0.3118

■ 33.5947, 0.2761,
0.3031

142.8402, 0.2899,
0.3131

■ 22.5824, 0.2710,
0.2994

178.2168, 0.2915,
0.3142

■ 14.2855, 0.2644,
0.2945

218.9996, 0.2929,
0.3152

■ 8.3195, 0.2553,
0.2876

265.5729, 0.2941,
0.3161

■ 4.3001, 0.2421,
0.2774

318.3210, 0.2952,

■ 1.8428, 0.2212,

0.3169

0.2607

377.6285, 0.2961,
0.3175

■ 0.5136, 0.1585,
0.2210

■ 0.0000, 0.0000,
0.0000

■ 65.3029, 0.2832,
0.3083

■ 65.3029, 0.2832,
0.3083

■ 57.8570, 0.2674,
0.2957

■ 73.5145, 0.2990,
0.3198

■ 51.1412, 0.2518,
0.2820

■ 82.5096, 0.3144,
0.3301

■ 45.1286, 0.2369,
0.2673

■ 91.5758, 0.3267,
0.3394

■ 39.7872, 0.2230,
0.2520

■ 97.4352, 0.3258,
0.3485

■ 35.0818, 0.2107,
0.2361

■ 98.6627, 0.3256,
0.3503

■ 30.9729, 0.2003,
0.2201

■ 27.4145, 0.1921,
0.2043

■ 24.3396, 0.1860,
0.1889

■ 24.0209, 0.1854,
0.1873

Harmonies

Analogous

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



65.3029, 0.2833, 0.3199



65.3029, 0.2832, 0.3083



65.3029, 0.2908, 0.3026

Triad

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



65.3029, 0.2832, 0.3083



65.3029, 0.3347, 0.3232



65.3029, 0.3205, 0.3559

Complementary

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



65.3029, 0.2832, 0.3083



65.5910, 0.3461, 0.3488

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.



65.3029, 0.3347, 0.3561



65.3029, 0.2832, 0.3083



65.3029, 0.3431, 0.3369

Square

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



65.3029, 0.2832, 0.3083



65.3029, 0.3204, 0.3112



65.3029, 0.3431, 0.3490



65.3029, 0.3045, 0.3479

Rectangle

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



65.3029, 0.2832, 0.3083



65.3029, 0.2993, 0.3026



65.3029, 0.3431, 0.3490



65.3029, 0.3257, 0.3569

Sweetspot

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



65.3056, 0.2832, 0.3083



93.2917, 0.3034, 0.3228



73.5716, 0.2997, 0.3595



19.8166, 0.3024, 0.3221



0.0000, 0.0000, 0.0000



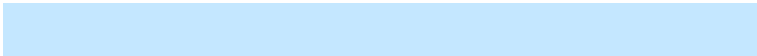
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3056, 0.2832, 0.3083



76.1848, 0.2765, 0.3031



54.9986, 0.2817, 0.2826



16.0307, 0.2981, 0.3191



13.8808, 0.1860, 0.1896



1.2783, 0.1919, 0.2109

Inverse Universe

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



58.6086, 0.3287, 0.3007



66.6705, 0.3330, 0.2941



76.8063, 0.3420, 0.3716



15.2036, 0.3200, 0.3151



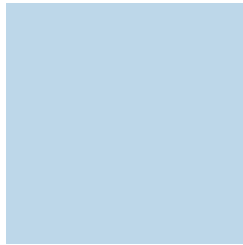
10.8941, 0.4572, 0.2292



0.8745, 0.4332, 0.2160

Previews

White Background



This preview shows how the Yxy color 65.3029, 0.2832, 0.3083 looks on a white background.

Color Contrast Check

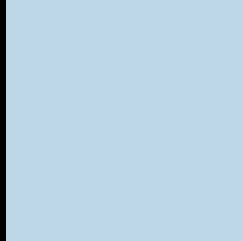
Large Text (above 18pt) WCAG AA × Fail

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 65.3029, 0.2832, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

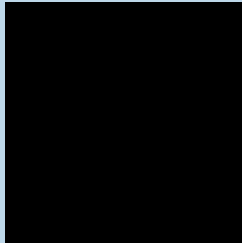
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

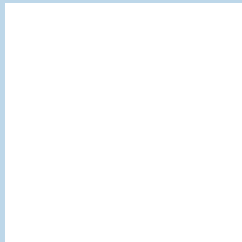
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3029, 0.2832, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 65.3029, 0.2832, 0.3083.

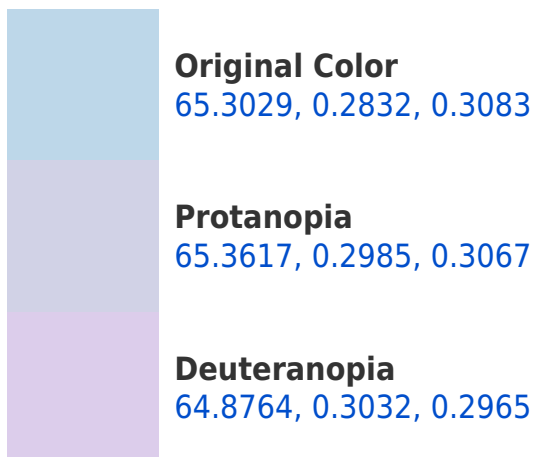


This preview shows how white text looks on a background with the Yxy color 65.3029, 0.2832, 0.3083.

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

65.2459, 0.2838, 0.3094

Trichromacy



Original Color

65.3029, 0.2832, 0.3083

Protanomaly

65.4130, 0.2930, 0.3076

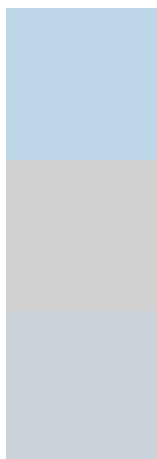
Deuteranomaly

65.0968, 0.2959, 0.3013

Tritanomaly

65.2459, 0.2838, 0.3094

Monochromacy



Original Color

65.3029, 0.2832, 0.3083

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2070, 0.3014, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3029, 0.2832, 0.3083 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(189, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(189, 215, 233)  
}
```

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(189, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 215, 233) }
```

Border

The CSS property to change the border of an element to Yxy 65.3029, 0.2832, 0.3083 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(189, 215, 233) }
```

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

```
.border{ border-color:rgb(189, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(189, 215,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3029, 0.2832, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 215, 233) }
```

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

```
.background{ background-color: rgb(189,  
215, 233) }
```

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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