

Converting Colors

Yxy(65.7911, 0.2847, 0.3103)

Have a look what the booklet for
Yxy(65.7911, 0.2847, 0.3103)
contains.

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Color

Yxy(65.8851, 0.2845, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	BED8E8
RGB	190, 216, 232
RGB Percent	75%, 85%, 91%
CMY	0.2551, 0.1529, 0.0901
CMYK	0.18, 0.07, 0.00, 0.09
HSL	203°, 48%, 83%
HSV	203°, 18%, 91%
XYZ	60.3487, 65.8851, 85.8882
YIQ	210.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

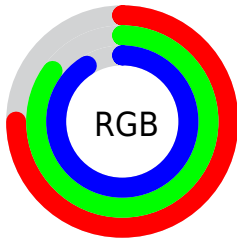
Format	Color
R _Y B	190, 206, 232
Decimal	12507368
CIE Lab	84.94, -5.33, -10.76
CIE LCh	85, 12.010, 243.659
Yxy	65.8851, 0.2845, 0.3106
Android (android.graphics.Color)	4290697448 (0xFFBED8E8)
YUV	210.0500, 10.8214, -17.5838
Hunter-Lab	81.1696, -9.3341, -5.9179

Details

The Yxy color **65.8851, 0.2845, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9920, 0.3448, 0.3467**, and the grayscale version is **64.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **33.8586, 0.2779, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **58.7339, 0.2688, 0.2990**, and if you desaturate by 10%, it is **73.7601, 0.3002, 0.3212**.

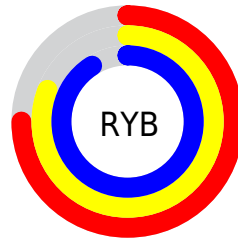
Distribution



Red (75%)

Green (85%)

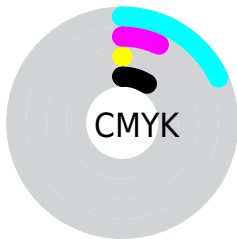
Blue (91%)



Red (75%)

Yellow (81%)

Blue (91%)

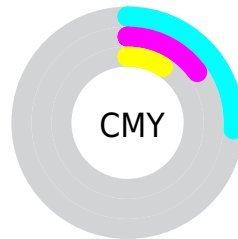


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (26%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8851, 0.2845, 0.3106 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 65.8851, 0.2845, 0.3106 by changing the saturation by 10% instead.

■ 65.8851, 0.2845,
0.3106

■ 65.8851, 0.2845,
0.3106

445.9658, 0.2977,
0.3194

■ 48.1791, 0.2815,
0.3085

■ 113.3214, 0.2891,
0.3137

■ 33.9688, 0.2777,
0.3060

143.8205, 0.2909,
0.3149

■ 22.8696, 0.2729,
0.3027

179.3528, 0.2924,
0.3159

■ 14.4973, 0.2666,
0.2983

220.3027, 0.2937,
0.3168

■ 8.4673, 0.2579,
0.2921

267.0546, 0.2949,
0.3175

■ 4.3954, 0.2453,
0.2830

319.9928, 0.2959,

■ 1.8971, 0.2254,

0.3182

0.2680

379.5017, 0.2969,
0.3188

■ 0.5466, 0.1667,
0.2339

■ 0.0000, 0.0000,
0.0000

■ 65.8851, 0.2845,
0.3106

■ 65.8851, 0.2845,
0.3106

■ 58.7339, 0.2688,
0.2990

■ 73.7601, 0.3002,
0.3212

■ 52.2721, 0.2535,
0.2864

■ 82.3753, 0.3156,
0.3307

■ 46.4742, 0.2388,
0.2728

■ 90.8823, 0.3274,
0.3393

■ 41.3099, 0.2253,
0.2586

■ 96.2767, 0.3265,
0.3478

■ 36.7455, 0.2133,
0.2440

■ 98.6069, 0.3262,
0.3512

■ 32.7434, 0.2031,
0.2291

■ 29.2599, 0.1951,
0.2144

■ 26.2348, 0.1892,
0.2000

■ 25.7037, 0.1882,
0.1974

Harmonies

Analogous

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



65.8851, 0.2855, 0.3221



65.8851, 0.2845, 0.3106



65.8851, 0.2909, 0.3044

Triad

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



65.8851, 0.2845, 0.3106



65.8851, 0.3320, 0.3220



65.8851, 0.3219, 0.3547

Complementary

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



65.8851, 0.2845, 0.3106



64.9920, 0.3448, 0.3467

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.



65.8851, 0.3347, 0.3541



65.8851, 0.2845, 0.3106



65.8851, 0.3407, 0.3349

Square

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



65.8851, 0.2845, 0.3106



65.8851, 0.3182, 0.3111



65.8851, 0.3417, 0.3466



65.8851, 0.3068, 0.3480

Rectangle

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



65.8851, 0.2845, 0.3106



65.8851, 0.2985, 0.3039



65.8851, 0.3417, 0.3466



65.8851, 0.3266, 0.3553

Sweetspot

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



65.8878, 0.2845, 0.3106



94.6064, 0.3050, 0.3242



73.0871, 0.3011, 0.3598



20.0915, 0.3039, 0.3236



0.0000, 0.0000, 0.0000



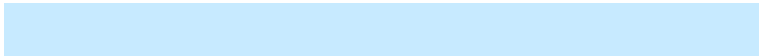
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8878, 0.2845, 0.3106



78.0025, 0.2782, 0.3061



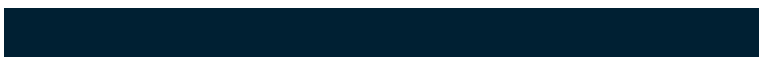
56.0503, 0.2832, 0.2864



15.3672, 0.2981, 0.3198



14.5184, 0.1888, 0.1997



1.2508, 0.1946, 0.2206

Inverse Universe

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



58.9233, 0.3270, 0.3007



67.9820, 0.3308, 0.2942



75.4863, 0.3410, 0.3683



14.5174, 0.3196, 0.3145



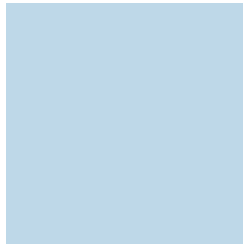
10.6634, 0.4456, 0.2229



0.8059, 0.4226, 0.2102

Previews

White Background



This preview shows how the Yxy color 65.8851, 0.2845, 0.3106 looks on a white background.

Color Contrast Check

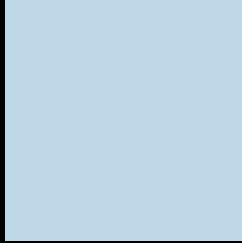
Large Text (above 18pt) WCAG AA × Fail

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 65.8851, 0.2845, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

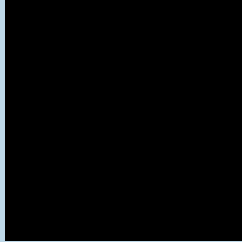
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

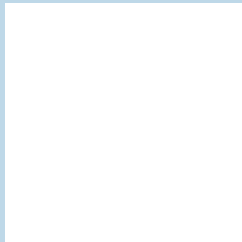
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8851, 0.2845, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 65.8851, 0.2845, 0.3106.

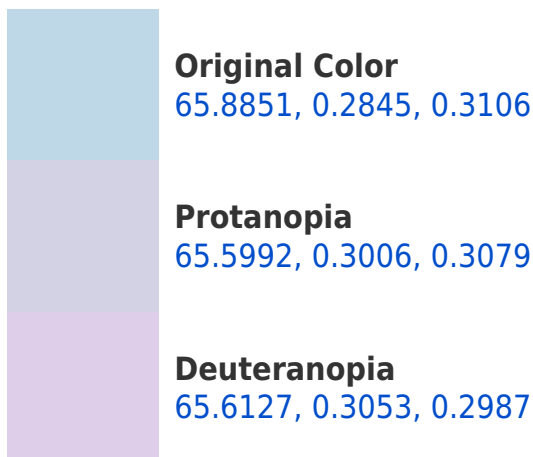


This preview shows how white text looks on a background with the Yxy color 65.8851, 0.2845, 0.3106.

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

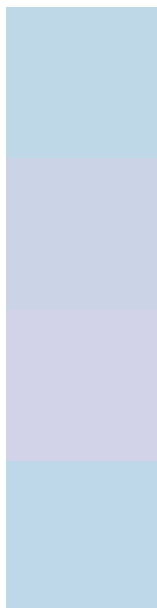




Tritanopia

65.9421, 0.2839, 0.3095

Trichromacy



Original Color

65.8851, 0.2845, 0.3106

Protanomaly

65.4966, 0.2944, 0.3087

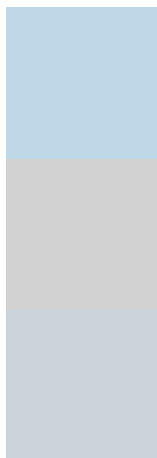
Deuteranomaly

65.6780, 0.2973, 0.3035

Tritanomaly

65.9421, 0.2839, 0.3095

Monochromacy



Original Color

65.8851, 0.2845, 0.3106

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8454, 0.3022, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8851, 0.2845, 0.3106 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, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 216, 232) }
```

Border

The CSS property to change the border of an element to Yxy 65.8851, 0.2845, 0.3106 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, 216, 232) }
```

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

```
.border{ border-color:rgb(190, 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(190, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(190, 216,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8851, 0.2845, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 216, 232) }
```

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

```
.background{ background-color: rgb(190,  
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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