

Converting Colors

Yxy(65.9338, 0.3018, 0.3487)

Have a look what the booklet for
Yxy(65.9338, 0.3018, 0.3487)
contains.

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Color

Yxy(65.7936, 0.3020, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBCB
RGB	189, 219, 203
RGB Percent	74%, 86%, 80%
CMY	0.2588, 0.1412, 0.2040
CMYK	0.14, 0.00, 0.07, 0.14
HSL	148°, 29%, 80%
HSV	148°, 14%, 86%
XYZ	57.0967, 65.7936, 66.1717
YIQ	208.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

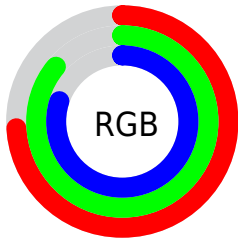
Format	Color
R _Y B	189, 209, 219
Decimal	12442571
CIE Lab	84.89, -12.99, 4.54
CIE LCh	85, 13.761, 160.728
Yxy	65.7936, 0.3020, 0.3480
Android (android.graphics.Color)	4290632651 (0xFFBDDBCB)
YUV	208.2060, -2.5666, -16.8437
Hunter-Lab	81.1133, -16.2996, 8.4108

Details

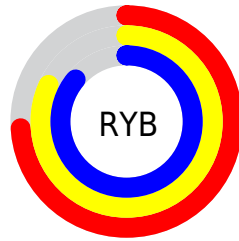
The Yxy color **65.7936, 0.3020, 0.3480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.8720, 0.3250, 0.3107**, and the grayscale version is **63.2420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **33.8717, 0.2988, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **62.6664, 0.2945, 0.3638**, and if you desaturate by 10%, it is **69.3914, 0.3098, 0.3338**.

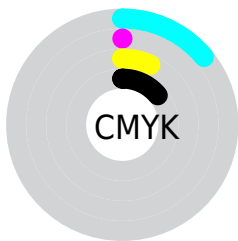
Distribution



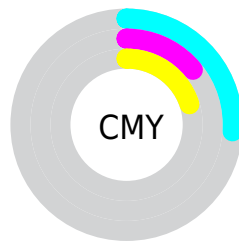
- Red (74%)
- Green (86%)
- Blue (80%)



- Red (74%)
- Yellow (82%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7936, 0.3020, 0.3480 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 65.7936, 0.3020, 0.3480 by changing the saturation by 10% instead.

65.7936, 0.3020,
0.3480

65.7936, 0.3020,
0.3480

445.6384, 0.3071,
0.3389

48.1049, 0.3008,
0.3502

113.1900, 0.3038,
0.3448

33.9099, 0.2993,
0.3529

143.6665, 0.3045,
0.3436

22.8244, 0.2973,
0.3563

179.1744, 0.3051,
0.3425

14.4639, 0.2947,
0.3610

220.0981, 0.3056,
0.3416

8.4440, 0.2910,
0.3677

266.8219, 0.3061,
0.3408

4.3804, 0.2854,
0.3778

319.7303, 0.3065,

1.8885, 0.2759,

0.3401

0.3950

379.2077, 0.3068,
0.3395

0.5415, 0.1954,
0.5356

0.0000, 0.0000,
0.0000

65.7936, 0.3020,
0.3480

65.7936, 0.3020,
0.3480

62.6664, 0.2945,
0.3638

69.3914, 0.3098,
0.3338

59.9817, 0.2875,
0.3812


73.4700, 0.3177,
0.3212


57.7209, 0.2814,
0.4000

78.0499, 0.3255,
0.3101


55.8610, 0.2764,
0.4201

78.8150, 0.3178,
0.2989


 54.3765, 0.2730,
0.4409

 79.1453, 0.3144,
0.2940

 53.2392, 0.2714,
0.4620

 52.4162, 0.2717,
0.4828

 51.8680, 0.2740,
0.5024

 51.6232, 0.2762,
0.5141

Harmonies

Analogous

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



65.7936, 0.3192, 0.3575



65.7936, 0.3020, 0.3480



65.7936, 0.2880, 0.3331

Triad

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



65.7936, 0.3020, 0.3480



65.7936, 0.2905, 0.3003



65.7936, 0.3460, 0.3391

Complementary

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



65.7936, 0.3020, 0.3480



55.8720, 0.3250, 0.3107

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.



65.7936, 0.3379, 0.3243



65.7936, 0.3020, 0.3480



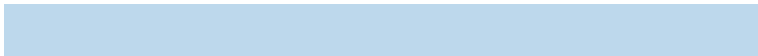
65.7936, 0.3056, 0.3024

Square

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



65.7936, 0.3020, 0.3480



65.7936, 0.2814, 0.3056



65.7936, 0.3230, 0.3111



65.7936, 0.3449, 0.3517

Rectangle

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



65.7936, 0.3020, 0.3480



65.7936, 0.2821, 0.3224



65.7936, 0.3230, 0.3111



65.7936, 0.3443, 0.3342

Sweetspot

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



65.7964, 0.3020, 0.3480



97.7703, 0.3095, 0.3343



67.3916, 0.3230, 0.3638



20.8398, 0.3089, 0.3353



0.0000, 0.0000, 0.0000



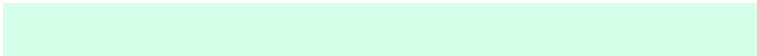
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7964, 0.3020, 0.3480



91.7403, 0.3001, 0.3517



66.5220, 0.2929, 0.3307



14.7066, 0.3053, 0.3418



30.6304, 0.2754, 0.5114



2.0017, 0.2667, 0.4802

Inverse Universe

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



55.8720, 0.3250, 0.3107



75.5112, 0.3276, 0.3073



55.2022, 0.3366, 0.3273



13.1673, 0.3209, 0.3166



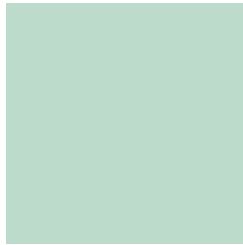
9.7148, 0.4804, 0.2420



0.6467, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 65.7936, 0.3020, 0.3480 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 65.7936, 0.3020, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

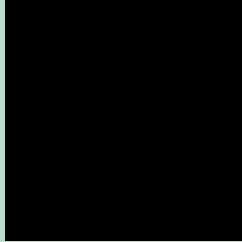
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

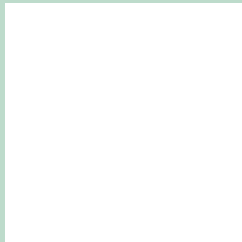
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7936, 0.3020, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 65.7936, 0.3020, 0.3480.

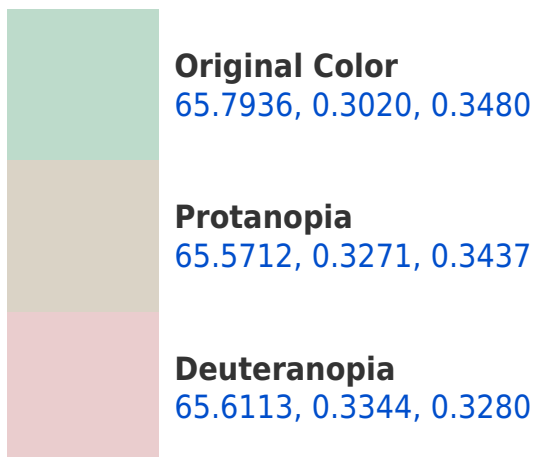


This preview shows how white text looks on a background with the Yxy color 65.7936, 0.3020, 0.3480.

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

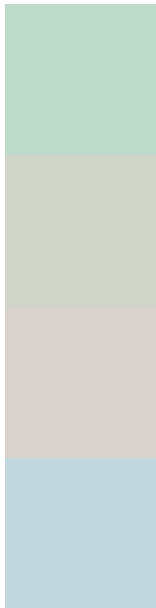




Tritanopia

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.7936, 0.3020, 0.3480

Protanomaly

65.5287, 0.3171, 0.3452

Deuteranomaly

65.4064, 0.3222, 0.3346

Tritanomaly

65.5387, 0.2926, 0.3231

Monochromacy



Original Color

65.7936, 0.3020, 0.3480

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9607, 0.3087, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7936, 0.3020, 0.3480 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, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 203)  
}
```

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, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.7936, 0.3020, 0.3480 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, 219, 203) }
```

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

```
.border{ border-color:rgb(189, 219, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7936, 0.3020, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 203) }
```

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

```
.background{ background-color: rgb(189,  
219, 203) }
```

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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