

Converting Colors

Yxy(65.7394, 0.2930, 0.3309)

Have a look what the booklet for
Yxy(65.7394, 0.2930, 0.3309)
contains.

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Color

Yxy(65.7920, 0.2931, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BCDAD8
RGB	188, 218, 216
RGB Percent	74%, 85%, 85%
CMY	0.2627, 0.1451, 0.1530
CMYK	0.14, 0.00, 0.01, 0.15
HSL	176°, 29%, 80%
HSV	176°, 14%, 85%
XYZ	58.2060, 65.7920, 74.5894
YIQ	208.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

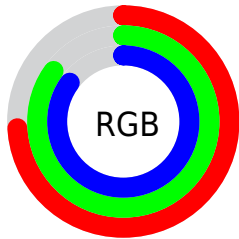
Format	Color
R _{YB}	188, 204, 218
Decimal	12376792
CIE Lab	84.89, -10.27, -2.36
CIE LCh	85, 10.539, 192.930
Yxy	65.7920, 0.2931, 0.3313
Android (android.graphics.Color)	4290566872 (0xFFBCDAD8)
YUV	208.8020, 3.5486, -18.2434
Hunter-Lab	81.1123, -13.8553, 2.2565

Details

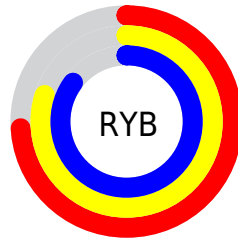
The Yxy color **65.7920, 0.2931, 0.3313** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5968, 0.3363, 0.3267**, and the grayscale version is **63.6120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **33.8359, 0.2881, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **63.1564, 0.2798, 0.3332**, and if you desaturate by 10%, it is **68.8520, 0.3072, 0.3296**.

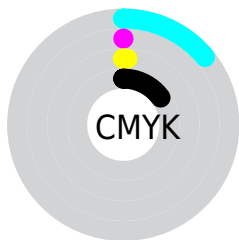
Distribution



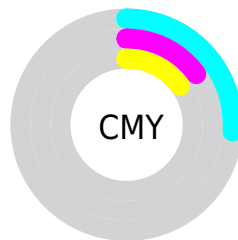
- Red (74%)
- Green (85%)
- Blue (85%)



- Red (74%)
- Yellow (80%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)





- Cyan (26%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7920, 0.2931, 0.3313 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 65.7920, 0.2931, 0.3313 by changing the saturation by 10% instead.

 65.7920, 0.2931,
0.3313

 65.7920, 0.2931,
0.3313


445.6326, 0.3023,
0.3303

 48.1036, 0.2910,
0.3315


 113.1877, 0.2963,
0.3310

 33.9089, 0.2883,
0.3318


143.6639, 0.2976,
0.3308

 22.8236, 0.2849,
0.3321


179.1713, 0.2986,
0.3307

 14.4633, 0.2804,
0.3326

220.0945, 0.2996,
0.3306

 8.4436, 0.2742,
0.3331

266.8178, 0.3004,
0.3305

 4.3801, 0.2650,
0.3338

319.7257, 0.3011,

 1.8884, 0.2501,

0.3304

379.2025, 0.3017,
0.3303

0.3348

0.5414, 0.1692,
0.3471

0.0000, 0.0000,
0.0000

65.7920, 0.2931,
0.3313

65.7920, 0.2931,
0.3313

63.1564, 0.2798,
0.3332

68.8520, 0.3072,
0.3296

60.9182, 0.2677,
0.3351

72.3456, 0.3220,
0.3281


59.0601, 0.2571,
0.3372


76.2922, 0.3370,
0.3267


57.5602, 0.2481,
0.3394


76.6698, 0.3371,
0.3252


 56.3945, 0.2409,
0.3417


 76.7486, 0.3361,
0.3237


 55.5358, 0.2357,
0.3439


 76.8280, 0.3350,
0.3223

 54.9529, 0.2324,
0.3462

 76.9081, 0.3340,
0.3208

 54.6080, 0.2308,
0.3484

 76.9889, 0.3330,
0.3194

 54.4739, 0.2305,
0.3498

 77.0703, 0.3320,
0.3179

Harmonies

Analogous

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



65.7920, 0.3036, 0.3427



65.7920, 0.2931, 0.3313



65.7920, 0.2878, 0.3195

Triad

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



65.7920, 0.2931, 0.3313



65.7920, 0.3083, 0.3088



65.7920, 0.3370, 0.3471

Complementary

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



65.7920, 0.2931, 0.3313



54.5968, 0.3363, 0.3267

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.



65.7920, 0.3383, 0.3377



65.7920, 0.2931, 0.3313



65.7920, 0.3216, 0.3159

Square

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



65.7920, 0.2931, 0.3313



65.7920, 0.2964, 0.3068



65.7920, 0.3326, 0.3263



65.7920, 0.3290, 0.3518

Rectangle

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



65.7920, 0.2931, 0.3313



65.7920, 0.2878, 0.3131



65.7920, 0.3326, 0.3263



65.7920, 0.3382, 0.3443

Sweetspot

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



65.7947, 0.2931, 0.3313



98.0725, 0.3068, 0.3296



64.7890, 0.3128, 0.3651



20.9164, 0.3057, 0.3298



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.



65.7947, 0.2931, 0.3313



92.4991, 0.2885, 0.3319



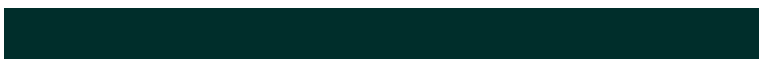
59.6608, 0.2914, 0.3141



14.8137, 0.2991, 0.3305



32.6410, 0.2304, 0.3495



2.1193, 0.2294, 0.3458

Inverse Universe

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



54.5968, 0.3363, 0.3267



73.0558, 0.3433, 0.3261



60.0820, 0.3359, 0.3435



13.0656, 0.3281, 0.3275



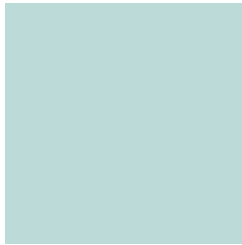
8.9556, 0.6324, 0.3258



0.5853, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 65.7920, 0.2931, 0.3313 looks on a white background.

Color Contrast Check

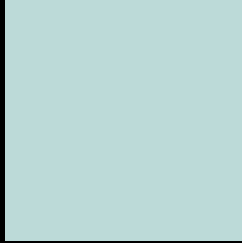
Large Text (above 18pt) WCAG AA × Fail

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 65.7920, 0.2931, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

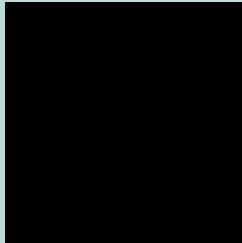
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

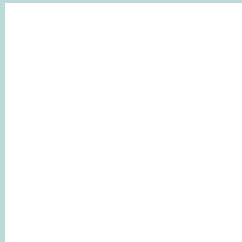
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7920, 0.2931, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 65.7920, 0.2931, 0.3313.

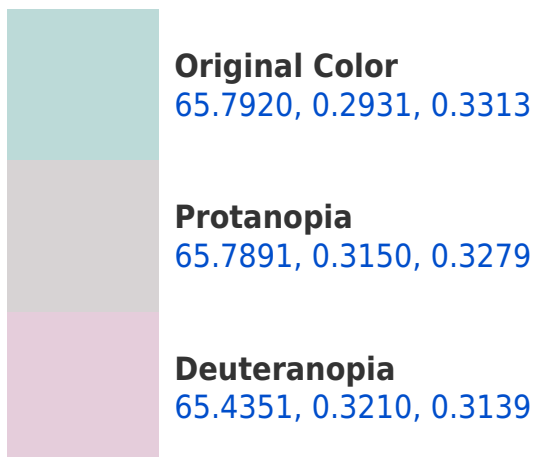


This preview shows how white text looks on a background with the Yxy color 65.7920, 0.2931, 0.3313.

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

65.5604, 0.2845, 0.3084

Trichromacy



Original Color

65.7920, 0.2931, 0.3313

Protanomaly

65.8764, 0.3069, 0.3301

Deuteranomaly

65.4513, 0.3102, 0.3200

Tritanomaly

65.6049, 0.2876, 0.3162

Monochromacy



Original Color

65.7920, 0.2931, 0.3313

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2579, 0.3047, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7920, 0.2931, 0.3313 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(188, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(188, 218, 216)  
}
```

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(188, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 218, 216) }
```

Border

The CSS property to change the border of an element to Yxy 65.7920, 0.2931, 0.3313 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(188, 218, 216) }
```

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

```
.border{ border-color:rgb(188, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 218, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 218, 216); box-shadow:4px 4px 4px 4px rgb(188, 218, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7920, 0.2931, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 218, 216) }
```

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

```
.background{ background-color: rgb(188,  
218, 216) }
```

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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