

Converting Colors

Yxy(65.0641, 0.2766, 0.3129)

Have a look what the booklet for
Yxy(65.0641, 0.2766, 0.3129)
contains.

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Color

Yxy(65.2594, 0.2770, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	B1DAE7
RGB	177, 218, 231
RGB Percent	69%, 85%, 91%
CMY	0.3059, 0.1451, 0.0942
CMYK	0.23, 0.06, 0.00, 0.09
HSL	194°, 53%, 80%
HSV	194°, 23%, 91%
XYZ	57.6247, 65.2594, 85.1472
YIQ	207.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

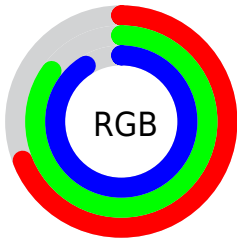
Format	Color
RYB	177, 200, 231
Decimal	11655911
CIELab	84.62, -10.51, -10.78
CIELCh	85, 15.060, 225.725
Yxy	65.2594, 0.2770, 0.3137
Android (android.graphics.Color)	4289845991 (0xFFB1DAE7)
YUV	207.2230, 11.7221, -26.5056
Hunter-Lab	80.7833, -14.0424, -5.9445

Details

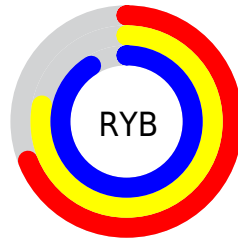
The Yxy color **65.2594, 0.2770, 0.3137** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9790, 0.3578, 0.3438**, and the grayscale version is **62.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **33.5005, 0.2686, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **59.9431, 0.2625, 0.3062**, and if you desaturate by 10%, it is **71.1366, 0.2921, 0.3207**.

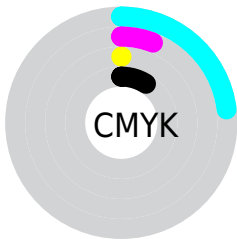
Distribution



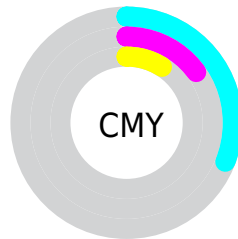
- Red (69%)
- Green (85%)
- Blue (91%)



- Red (69%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2594, 0.2770, 0.3137 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 65.2594, 0.2770, 0.3137 by changing the saturation by 10% instead.

65.2594, 0.2770,
0.3137

65.2594, 0.2770,
0.3137

443.7236, 0.2937,
0.3211

47.6714, 0.2732,
0.3119

112.4227, 0.2828,
0.3163

33.5668, 0.2684,
0.3097

142.7669, 0.2851,
0.3174

22.5610, 0.2624,
0.3068

178.1319, 0.2870,
0.3182

14.2697, 0.2545,
0.3028

218.9021, 0.2887,
0.3190

8.3085, 0.2436,
0.2973

265.4620, 0.2901,
0.3196

4.2930, 0.2280,
0.2888

318.1960, 0.2915,

1.8388, 0.2034,

0.3202

0.2745

377.4883, 0.2926,
0.3207

0.5112, 0.1095,
0.2441

0.0000, 0.0000,
0.0000

65.2594, 0.2770,
0.3137

65.2594, 0.2770,
0.3137

59.9431, 0.2625,
0.3062

71.1366, 0.2921,
0.3207

55.1557, 0.2489,
0.2981

77.5890, 0.3075,
0.3270

50.8738, 0.2365,
0.2897

84.6405, 0.3229,
0.3327

47.0687, 0.2257,
0.2809

89.4773, 0.3283,
0.3381

■ 43.7084, 0.2168,
0.2719

■ 92.8010, 0.3277,
0.3435

■ 40.7561, 0.2098,
0.2629

■ 96.2257, 0.3272,
0.3488

■ 38.1672, 0.2048,
0.2540

■ 98.5486, 0.3268,
0.3523

■ 36.6053, 0.2023,
0.2481

Harmonies

Analogous

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



65.2594, 0.2837, 0.3305



65.2594, 0.2770, 0.3137



65.2594, 0.2795, 0.3018

Triad

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



65.2594, 0.2770, 0.3137



65.2594, 0.3270, 0.3115



65.2594, 0.3345, 0.3621

Complementary

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



65.2594, 0.2770, 0.3137



56.9790, 0.3578, 0.3438

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.



65.2594, 0.3468, 0.3557



65.2594, 0.2770, 0.3137



65.2594, 0.3425, 0.3265

Square

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



65.2594, 0.2770, 0.3137



65.2594, 0.3080, 0.3010



65.2594, 0.3498, 0.3425



65.2594, 0.3166, 0.3592

Rectangle

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



65.2594, 0.2770, 0.3137



65.2594, 0.2861, 0.2979



65.2594, 0.3498, 0.3425



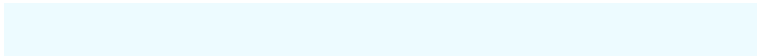
65.2594, 0.3395, 0.3609

Sweetspot

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



65.2620, 0.2770, 0.3137



94.0629, 0.3019, 0.3247



70.1902, 0.3021, 0.3789



20.0274, 0.3009, 0.3244



0.0000, 0.0000, 0.0000



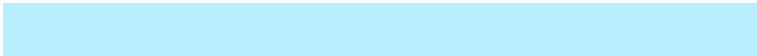
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2620, 0.2770, 0.3137



78.4140, 0.2700, 0.3102



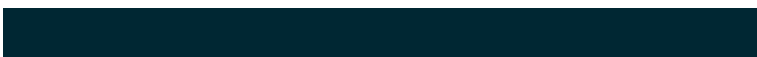
52.5514, 0.2744, 0.2812



15.7183, 0.2981, 0.3232



20.7268, 0.2027, 0.2496



1.6730, 0.2063, 0.2625

Inverse Universe

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



53.4939, 0.3258, 0.2842



61.5384, 0.3290, 0.2747



69.5745, 0.3513, 0.3726



14.5529, 0.3174, 0.3113



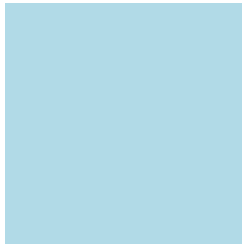
11.2901, 0.3927, 0.1937



0.8486, 0.3800, 0.1867

Previews

White Background



This preview shows how the Yxy color 65.2594, 0.2770, 0.3137 looks on a white background.

Color Contrast Check

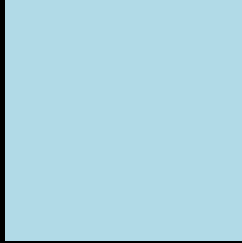
Large Text (above 18pt) WCAG AA × Fail

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 65.2594, 0.2770, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

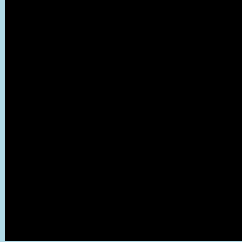
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2594, 0.2770, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 65.2594, 0.2770, 0.3137.

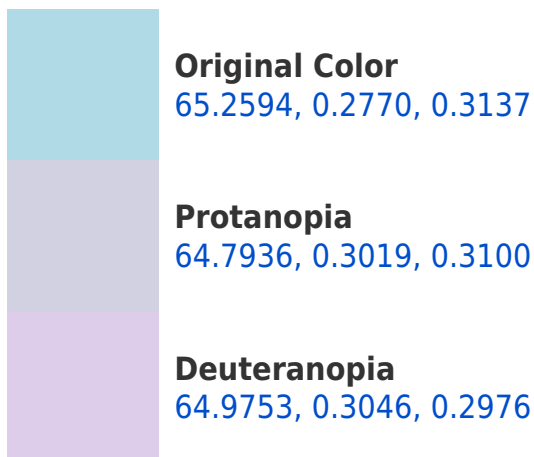


This preview shows how white text looks on a background with the Yxy color 65.2594, 0.2770, 0.3137.

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

65.0888, 0.2752, 0.3080

Trichromacy



Original Color

65.2594, 0.2770, 0.3137

Protanomaly

64.6942, 0.2922, 0.3107

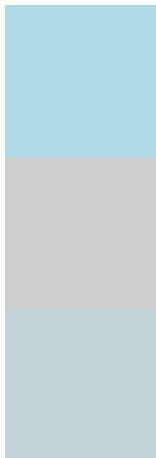
Deuteranomaly

64.9555, 0.2938, 0.3032

Tritanomaly

65.0312, 0.2758, 0.3091

Monochromacy



Original Color

65.2594, 0.2770, 0.3137

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.2822, 0.2985, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2594, 0.2770, 0.3137 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(177, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 218, 231)  
}
```

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(177, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 218, 231) }
```

Border

The CSS property to change the border of an element to Yxy 65.2594, 0.2770, 0.3137 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(177, 218, 231) }
```

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

```
.border{ border-color:rgb(177, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 218,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2594, 0.2770, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 218, 231) }
```

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

```
.background{ background-color: rgb(177,  
218, 231) }
```

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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