

Converting Colors

Yxy(64.0658, 0.2743, 0.3141)

Have a look what the booklet for
Yxy(64.0658, 0.2743, 0.3141)
contains.

Yxy(63.9968, 0.2738, 0.3135)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.9968, 0.2738, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	ABD9E6
RGB	171, 217, 230
RGB Percent	67%, 85%, 90%
CMY	0.3293, 0.1490, 0.0982
CMYK	0.26, 0.06, 0.00, 0.10
HSL	193°, 54%, 79%
HSV	193°, 26%, 90%
XYZ	55.8926, 63.9968, 84.2471
YIQ	204.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

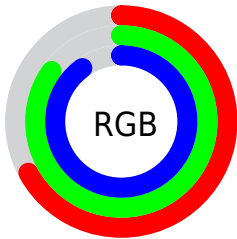
Format	Color
RYB	171, 197, 230
Decimal	11262438
CIELab	83.96, -11.98, -11.26
CIElCh	84, 16.440, 223.216
Yxy	63.9968, 0.2738, 0.3135
Android (android.graphics.Color)	4289452518 (0xFFABD9E6)
YUV	204.7280, 12.4591, -29.5795
Hunter-Lab	79.9980, -15.2831, -6.4406

Details

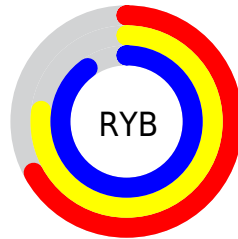
The Yxy color **63.9968, 0.2738, 0.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0445, 0.3635, 0.3439**, and the grayscale version is **60.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **32.7177, 0.2638, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **59.0674, 0.2596, 0.3065**, and if you desaturate by 10%, it is **69.4607, 0.2887, 0.3200**.

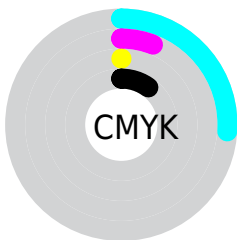
Distribution



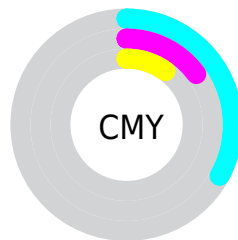
- Red (67%)
- Green (85%)
- Blue (90%)



- Red (67%)
- Yellow (77%)
- Blue (90%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)




- Cyan (33%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9968, 0.2738, 0.3135 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 63.9968, 0.2738, 0.3135 by changing the saturation by 10% instead.


 63.9968, 0.2738,
0.3135

 63.9968, 0.2738,
0.3135


439.1781, 0.2920,
0.3211

 46.6481, 0.2696,
0.3117


 110.6063, 0.2801,
0.3162

 32.7575, 0.2644,
0.3093


140.6359, 0.2826,
0.3172

 21.9408, 0.2578,
0.3063


175.6613, 0.2847,
0.3181

 13.8134, 0.2491,
0.3022

216.0668, 0.2865,
0.3189

 7.9910, 0.2372,
0.2963

262.2368, 0.2882,
0.3195

 4.0892, 0.2200,
0.2874

314.5558, 0.2896,

 1.7236, 0.1930,

0.3201

0.2720

373.4081, 0.2909,
0.3206

0.4389, 0.0670,
0.2359

0.0000, 0.0000,
0.0000

63.9968, 0.2738,
0.3135

63.9968, 0.2738,
0.3135

59.0674, 0.2596,
0.3065

69.4607, 0.2887,
0.3200

54.6408, 0.2465,
0.2991

75.4737, 0.3040,
0.3259

50.6935, 0.2347,
0.2913

82.0591, 0.3195,
0.3313

47.1967, 0.2246,
0.2833

87.6825, 0.3293,
0.3362

■ 44.1180, 0.2164,
0.2752

■ 90.6591, 0.3287,
0.3411

■ 41.4199, 0.2101,
0.2670

■ 93.7191, 0.3282,
0.3460

■ 39.0561, 0.2058,
0.2589

■ 96.8632, 0.3277,
0.3508

■ 38.0943, 0.2043,
0.2554

■ 98.4915, 0.3274,
0.3533

Harmonies

Analogous

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



63.9968, 0.2819, 0.3322



63.9968, 0.2738, 0.3135



63.9968, 0.2757, 0.2999

Triad

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



63.9968, 0.2738, 0.3135



63.9968, 0.3267, 0.3087



63.9968, 0.3381, 0.3651

Complementary

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



63.9968, 0.2738, 0.3135



54.0445, 0.3635, 0.3439

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.



63.9968, 0.3509, 0.3572



63.9968, 0.2738, 0.3135



63.9968, 0.3443, 0.3247

Square

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



63.9968, 0.2738, 0.3135



63.9968, 0.3057, 0.2977



63.9968, 0.3533, 0.3423



63.9968, 0.3186, 0.3630

Rectangle

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



63.9968, 0.2738, 0.3135



63.9968, 0.2824, 0.2952



63.9968, 0.3533, 0.3423



63.9968, 0.3433, 0.3635

Sweetspot

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



63.9994, 0.2738, 0.3135



93.5028, 0.3003, 0.3245



68.6922, 0.3017, 0.3857



19.7631, 0.2980, 0.3236



0.0000, 0.0000, 0.0000



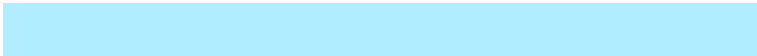
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9994, 0.2738, 0.3135



77.3615, 0.2658, 0.3097



50.2272, 0.2705, 0.2772



15.7698, 0.2981, 0.3237



21.7614, 0.2046, 0.2567



1.7415, 0.2079, 0.2684

Inverse Universe

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



50.9680, 0.3263, 0.2785



58.4407, 0.3299, 0.2673



67.4859, 0.3556, 0.3759



14.5581, 0.3171, 0.3109



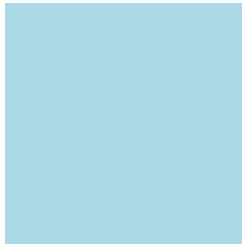
11.3945, 0.3856, 0.1898



0.8555, 0.3743, 0.1836

Previews

White Background



This preview shows how the Yxy color 63.9968, 0.2738, 0.3135 looks on a white background.

Color Contrast Check

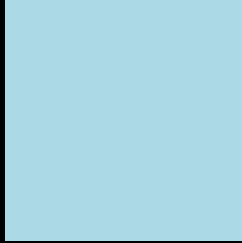
Large Text (above 18pt) WCAG AA × Fail

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 63.9968, 0.2738, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

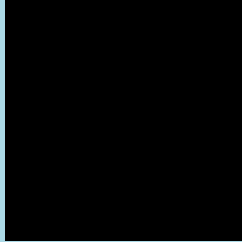
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

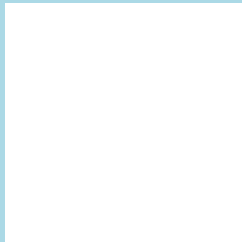
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9968, 0.2738, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 63.9968, 0.2738, 0.3135.

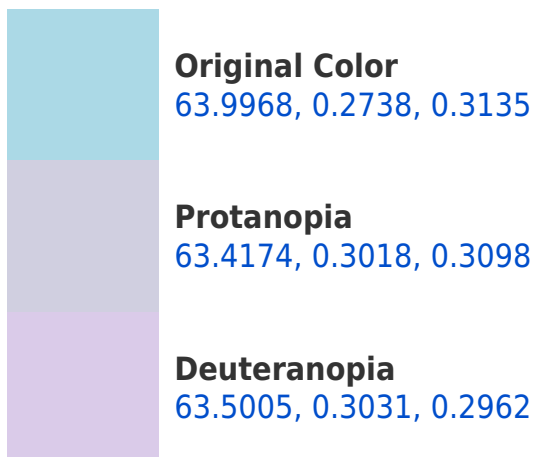


This preview shows how white text looks on a background with the Yxy color 63.9968, 0.2738, 0.3135.

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

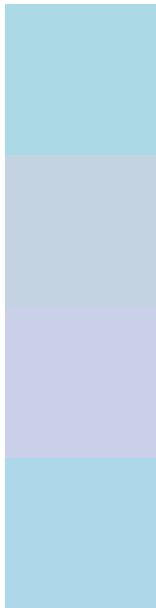




Tritanopia

63.8229, 0.2720, 0.3077

Trichromacy



Original Color

63.9968, 0.2738, 0.3135

Protanomaly

63.6816, 0.2914, 0.3117

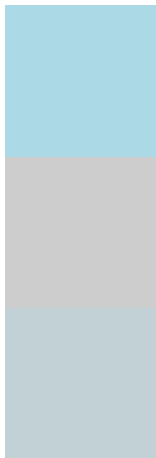
Deuteranomaly

63.3555, 0.2916, 0.3018

Tritanomaly

63.7656, 0.2726, 0.3088

Monochromacy



Original Color

63.9968, 0.2738, 0.3135

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7934, 0.2976, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9968, 0.2738, 0.3135 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(171, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 230)  
}
```

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(171, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 230) }
```

Border

The CSS property to change the border of an element to Yxy 63.9968, 0.2738, 0.3135 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(171, 217, 230) }
```

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

```
.border{ border-color:rgb(171, 217, 230) }
```

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

Here you see how a box with a 4 pixel rgb(171, 217, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9968, 0.2738, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 230) }
```

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

```
.background{ background-color: rgb(171,  
217, 230) }
```

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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