

Converting Colors

$Yxy(63.2629, 0.2677, 0.3318)$

Have a look what the booklet for
Yxy(63.2629, 0.2677, 0.3318)
contains.

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Color

Yxy(63.2169, 0.2675, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	95DDDB
RGB	149, 221, 219
RGB Percent	58%, 87%, 86%
CMY	0.4159, 0.1333, 0.1413
CMYK	0.33, 0.00, 0.01, 0.13
HSL	178°, 51%, 73%
HSV	178°, 33%, 87%
XYZ	51.0275, 63.2169, 76.5127
YIQ	199.2440, -42.2700, -15.8860

Conversions

Conversions Part 2

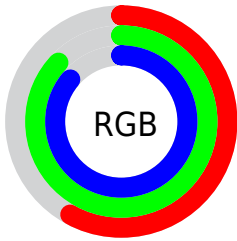
Format	Color
RYB	149, 186, 221
Decimal	9821659
CIELab	83.56, -22.75, -6.16
CIELCh	84, 23.568, 195.152
Yxy	63.2169, 0.2675, 0.3314
Android (android.graphics.Color)	4288011739 (0xFF95DDDB)
YUV	199.2440, 9.7397, -44.0640
Hunter-Lab	79.5091, -24.5827, -1.3993

Details

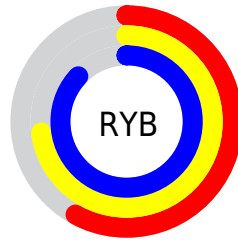
The Yxy color **63.2169, 0.2675, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0887, 0.3858, 0.3268**, and the grayscale version is **57.2235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **32.3325, 0.2564, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **61.3020, 0.2563, 0.3323**, and if you desaturate by 10%, it is **65.5313, 0.2802, 0.3306**.

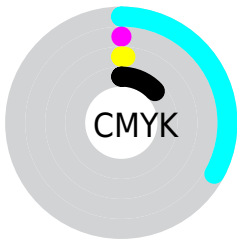
Distribution



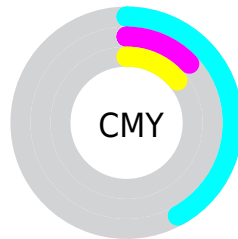
- Red (58%)
- Green (87%)
- Blue (86%)



- Red (58%)
- Yellow (73%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (42%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2169, 0.2675, 0.3314 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 63.2169, 0.2675, 0.3314 by changing the saturation by 10% instead.


 63.2169, 0.2675,
0.3314


 63.2169, 0.2675,
0.3314


436.3562, 0.2887,
0.3306

 46.0167, 0.2626,
0.3315


 109.4824, 0.2749,
0.3312

 32.2590, 0.2565,
0.3316


 139.3164, 0.2778,
0.3311

 21.5594, 0.2488,
0.3316


174.1306, 0.2802,
0.3310

 13.5335, 0.2385,
0.3315

214.3092, 0.2824,
0.3309

 7.7969, 0.2245,
0.3312

260.2367, 0.2842,
0.3308

 3.9653, 0.2041,
0.3300

312.2974, 0.2859,

 1.6542, 0.1722,

0.3307

0.3268

370.8758, 0.2874,
0.3307

0.3937, 0.0000,
0.3142

0.0000, 0.0000,
0.0000

63.2169, 0.2675,
0.3314

63.2169, 0.2675,
0.3314

61.3020, 0.2563,
0.3323

65.5313, 0.2802,
0.3306

59.7568, 0.2468,
0.3331

68.2584, 0.2940,
0.3299

58.5590, 0.2392,
0.3341

71.4198, 0.3088,
0.3292

57.6813, 0.2335,
0.3350

75.0335, 0.3241,
0.3286

■ 57.0917, 0.2298,
0.3359

■ 78.2606, 0.3365,
0.3280

■ 56.7520, 0.2277,
0.3368

■ 78.2942, 0.3361,
0.3274

■ 56.6150, 0.2271,
0.3375

■ 78.3280, 0.3357,
0.3267

■ 78.3619, 0.3352,
0.3261

■ 78.3959, 0.3348,
0.3255

Harmonies

Analogous

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



63.2169, 0.2898, 0.3591



63.2169, 0.2675, 0.3314



63.2169, 0.2572, 0.3046

Triad

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



63.2169, 0.2675, 0.3314



63.2169, 0.3043, 0.2855



63.2169, 0.3669, 0.3702

Complementary

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



63.2169, 0.2675, 0.3314



39.0887, 0.3858, 0.3268

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.



63.2169, 0.3717, 0.3489



63.2169, 0.2675, 0.3314



63.2169, 0.3346, 0.3014

Square

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



63.2169, 0.2675, 0.3314



63.2169, 0.2776, 0.2798



63.2169, 0.3597, 0.3241



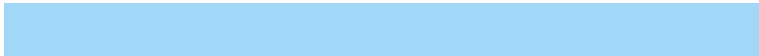
63.2169, 0.3473, 0.3816

Rectangle

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



63.2169, 0.2675, 0.3314



63.2169, 0.2580, 0.2911



63.2169, 0.3597, 0.3241



63.2169, 0.3703, 0.3639

Sweetspot

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



63.2194, 0.2675, 0.3314



95.4340, 0.2977, 0.3297



60.5028, 0.3098, 0.4249



20.3002, 0.2956, 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.



63.2194, 0.2675, 0.3314



85.5831, 0.2598, 0.3320



47.3112, 0.2610, 0.2852



14.8229, 0.2986, 0.3296



32.8863, 0.2270, 0.3373



2.1326, 0.2266, 0.3358

Inverse Universe

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



39.0887, 0.3858, 0.3268



47.3674, 0.4082, 0.3263



51.2379, 0.3751, 0.3689



13.0575, 0.3287, 0.3284



8.9407, 0.6368, 0.3282



0.5814, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 63.2169, 0.2675, 0.3314 looks on a white background.

Color Contrast Check

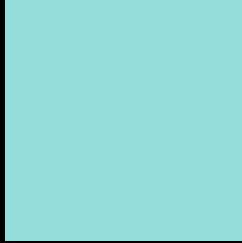
Large Text (above 18pt) WCAG AA × Fail

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 63.2169, 0.2675, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

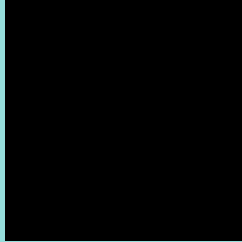
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

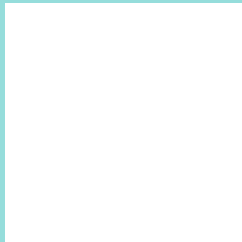
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2169, 0.2675, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 63.2169, 0.2675, 0.3314.

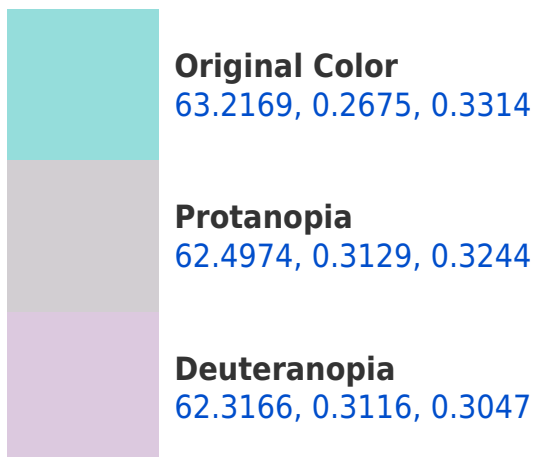


This preview shows how white text looks on a background with the Yxy color 63.2169, 0.2675, 0.3314.

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

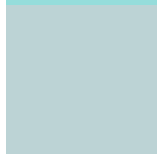
62.9712, 0.2602, 0.3071

Trichromacy



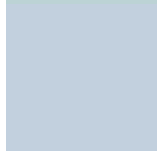
Original Color

63.2169, 0.2675, 0.3314



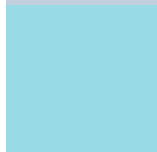
Protanomaly

62.0840, 0.2948, 0.3266



Deuteranomaly

61.8550, 0.2931, 0.3127



Tritanomaly

63.0516, 0.2630, 0.3155

Monochromacy



Original Color

63.2169, 0.2675, 0.3314



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.9056, 0.2943, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2169, 0.2675, 0.3314 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(149, 221, 219)` looks like.

```
.text, #text, p{  
    color:rgb(149, 221, 219)  
}
```

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(149, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 221, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.2169, 0.2675, 0.3314 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(149, 221, 219) }
```

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

```
.border{ border-color:rgb(149, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(149, 221,  
219) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.2169, 0.2675, 0.3314$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 221, 219) }
```

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

```
.background{ background-color: rgb(149,  
221, 219) }
```

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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