

Converting Colors

$Yxy(67.0635, 0.2653, 0.3289)$

Have a look what the booklet for
Yxy(67.0635, 0.2653, 0.3289)
contains.

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Color

Yxy(67.0635, 0.2653, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	97E3E3
RGB	151, 227, 227
RGB Percent	59%, 89%, 89%
CMY	0.4078, 0.1098, 0.1099
CMYK	0.33, 0.00, 0.00, 0.11
HSL	180°, 58%, 74%
HSV	180°, 33%, 89%
XYZ	54.0953, 67.0635, 82.7436
YIQ	204.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

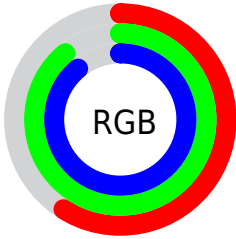
Format	Color
RYB	151, 189, 227
Decimal	9954275
CIELab	85.54, -23.30, -7.45
CIELCh	86, 24.458, 197.731
Yxy	67.0635, 0.2653, 0.3289
Android (android.graphics.Color)	4288144355 (0xFF97E3E3)
YUV	204.2760, 11.2029, -46.7231
Hunter-Lab	81.8923, -25.4004, -2.5817

Details

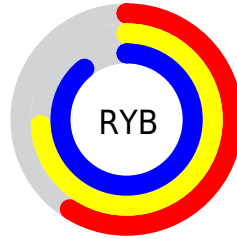
The Yxy color **67.0635, 0.2653, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7070, 0.3909, 0.3292**, and the grayscale version is **60.5191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **34.5912, 0.2538, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **65.0984, 0.2540, 0.3289**, and if you desaturate by 10%, it is **69.4521, 0.2781, 0.3289**.

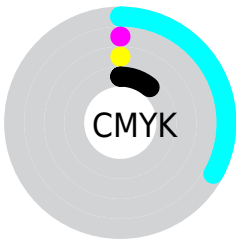
Distribution



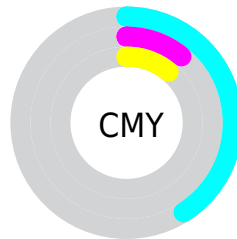
- Red (59%)
- Green (89%)
- Blue (89%)



- Red (59%)
- Yellow (74%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (41%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0635, 0.2653, 0.3289 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 67.0635, 0.2653, 0.3289 by changing the saturation by 10% instead.

 67.0635, 0.2653,
0.3289


 67.0635, 0.2653,
0.3289


450.1708, 0.2873,
0.3293

 49.1362, 0.2603,
0.3287


 115.0114, 0.2729,
0.3291

 34.7276, 0.2541,
0.3284

 145.8008, 0.2759,
0.3292

 23.4531, 0.2463,
0.3280

181.6464, 0.2784,
0.3292

 14.9284, 0.2361,
0.3272

222.9326, 0.2807,
0.3293

 8.7692, 0.2222,
0.3260

270.0437, 0.2826,
0.3293

 4.5909, 0.2024,
0.3235

323.3642, 0.2843,

 2.0093, 0.1722,

0.3293

383.2784, 0.2859,
0.3293

0.3184

0.6129, 0.0075,
0.3344

0.0000, 0.0000,
0.0000

67.0635, 0.2653,
0.3289

67.0635, 0.2653,
0.3289

65.0984, 0.2540,
0.3289

69.4521, 0.2781,
0.3289

63.5247, 0.2445,
0.3289

72.2783, 0.2922,
0.3290

62.3186, 0.2369,
0.3289

75.5655, 0.3073,
0.3290

61.4502, 0.2312,
0.3289

79.3329, 0.3231,
0.3290

■ 60.8852, 0.2274,
0.3289

■ 81.7479, 0.3324,
0.3290

■ 60.5817, 0.2254,
0.3289

■ 81.7485, 0.3324,
0.3290

■ 60.4813, 0.2247,
0.3289

■ 81.7491, 0.3324,
0.3290

■ 81.7496, 0.3324,
0.3290

■ 81.7502, 0.3324,
0.3290

Harmonies

Analogous

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



67.0635, 0.2870, 0.3574



67.0635, 0.2653, 0.3289



67.0635, 0.2560, 0.3021

Triad

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



67.0635, 0.2653, 0.3289



67.0635, 0.3068, 0.2858



67.0635, 0.3667, 0.3723

Complementary

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



67.0635, 0.2653, 0.3289



40.7070, 0.3909, 0.3292

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.



67.0635, 0.3730, 0.3513



67.0635, 0.2653, 0.3289



67.0635, 0.3375, 0.3027

Square

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



67.0635, 0.2653, 0.3289



67.0635, 0.2790, 0.2790



67.0635, 0.3622, 0.3261



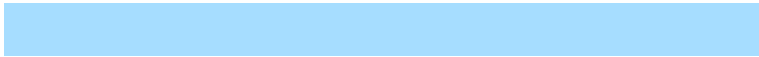
67.0635, 0.3456, 0.3828

Rectangle

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



67.0635, 0.2653, 0.3289



67.0635, 0.2577, 0.2891



67.0635, 0.3622, 0.3261



67.0635, 0.3706, 0.3662

Sweetspot

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



67.0662, 0.2653, 0.3289



95.4796, 0.2973, 0.3290



63.8786, 0.3089, 0.4284



20.3113, 0.2952, 0.3290



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.



67.0662, 0.2653, 0.3289



85.5093, 0.2575, 0.3289



49.0749, 0.2593, 0.2821



16.3363, 0.2982, 0.3290



35.2713, 0.2247, 0.3289



2.6065, 0.2247, 0.3289

Inverse Universe

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



40.7070, 0.3909, 0.3292



46.3439, 0.4148, 0.3293



54.4243, 0.3768, 0.3715



14.3681, 0.3293, 0.3290



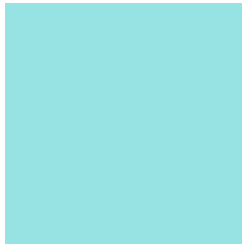
9.5244, 0.6400, 0.3299



0.7039, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 67.0635, 0.2653, 0.3289 looks on a white background.

Color Contrast Check

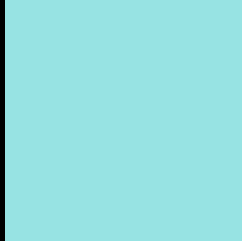
Large Text (above 18pt) WCAG AA × Fail

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 67.0635, 0.2653, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

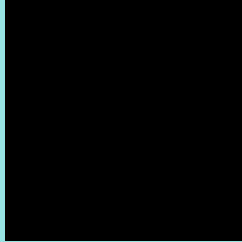
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0635, 0.2653, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 67.0635, 0.2653, 0.3289.

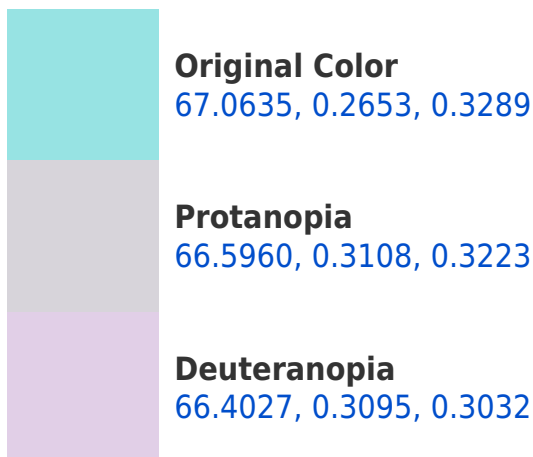


This preview shows how white text looks on a background with the Yxy color 67.0635, 0.2653, 0.3289.

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

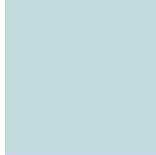
67.2901, 0.2589, 0.3077

Trichromacy



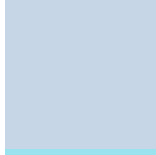
Original Color

67.0635, 0.2653, 0.3289



Protanomaly

66.0526, 0.2926, 0.3243



Deuteranomaly

65.8121, 0.2910, 0.3108



Tritanomaly

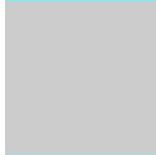
67.3772, 0.2616, 0.3158

Monochromacy



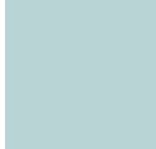
Original Color

67.0635, 0.2653, 0.3289



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.1547, 0.2934, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0635, 0.2653, 0.3289 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(151, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(151, 227, 227)  
}
```

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(151, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 227, 227) }
```

Border

The CSS property to change the border of an element to Yxy 67.0635, 0.2653, 0.3289 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(151, 227, 227) }
```

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

```
.border{ border-color:rgb(151, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 227, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 227, 227); box-shadow:4px 4px 4px 4px rgb(151, 227, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0635, 0.2653, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 227, 227) }
```

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

```
.background{ background-color: rgb(151,  
227, 227) }
```

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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