

Converting Colors

$Yxy(71.5294, 0.2634, 0.3350)$

Have a look what the booklet for
Yxy(71.5294, 0.2634, 0.3350)
contains.

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Color

Yxy(71.4257, 0.2635, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	94EBE6
RGB	148, 235, 230
RGB Percent	58%, 92%, 90%
CMY	0.4193, 0.0785, 0.0980
CMYK	0.37, 0.00, 0.02, 0.08
HSL	177°, 68%, 75%
HSV	177°, 37%, 92%
XYZ	56.2147, 71.4257, 85.6980
YIQ	208.4170, -50.2470, -19.9990

Conversions

Conversions Part 2

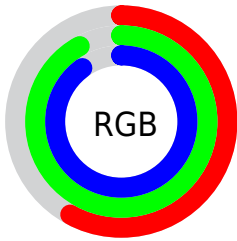
Format	Color
RYB	148, 193, 235
Decimal	9759718
CIELab	87.69, -27.24, -5.88
CIELCh	88, 27.872, 192.177
Yxy	71.4257, 0.2635, 0.3348
Android (android.graphics.Color)	4287949798 (0xFF94EBE6)
YUV	208.4170, 10.6404, -52.9857
Hunter-Lab	84.5137, -29.1690, -0.9612

Details

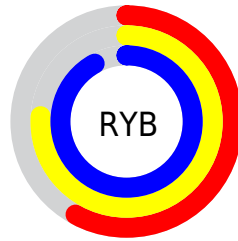
The Yxy color **71.4257, 0.2635, 0.3348** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.1640, 0.3979, 0.3236**, and the grayscale version is **63.3270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **37.6107, 0.2520, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **69.3786, 0.2533, 0.3366**, and if you desaturate by 10%, it is **73.9240, 0.2753, 0.3331**.

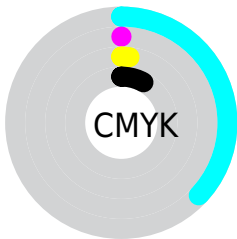
Distribution



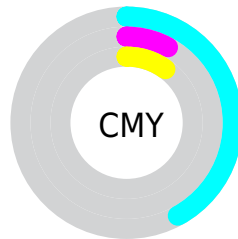
- Red (58%)
- Green (92%)
- Blue (90%)



- Red (58%)
- Yellow (76%)
- Blue (92%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)





- Cyan (42%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4257, 0.2635, 0.3348 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 71.4257, 0.2635, 0.3348 by changing the saturation by 10% instead.


 71.4257, 0.2635,
0.3348


 71.4257, 0.2635,
0.3348

465.5402, 0.2861,
0.3325

 52.6897, 0.2584,
0.3352


 121.2397, 0.2713,
0.3341

 37.5551, 0.2521,
0.3358


 153.0864, 0.2743,
0.3338

 25.6376, 0.2443,
0.3363


190.0722, 0.2769,
0.3335

 16.5527, 0.2341,
0.3369

232.5814, 0.2792,
0.3332

 9.9161, 0.2203,
0.3376

280.9984, 0.2813,
0.3330

 5.3434, 0.2010,
0.3380

335.7076, 0.2830,

 2.4501, 0.1720,

0.3328

397.0934, 0.2846,
0.3326

0.3374

0.8515, 0.0605,
0.3571

0.0000, 0.0000,
0.0000

71.4257, 0.2635,
0.3348

71.4257, 0.2635,
0.3348

69.3786, 0.2533,
0.3366

73.9240, 0.2753,
0.3331

67.7470, 0.2448,
0.3385

76.8896, 0.2884,
0.3315

66.5037, 0.2382,
0.3404

80.3486, 0.3025,
0.3300

65.6147, 0.2336,
0.3423

84.3222, 0.3172,
0.3286

■ 65.0402, 0.2309,
0.3443

■ 86.7713, 0.3251,
0.3273

■ 64.7287, 0.2298,
0.3461

■ 86.8501, 0.3243,
0.3260

■ 64.6614, 0.2296,
0.3467

■ 86.9295, 0.3234,
0.3247

■ 87.0095, 0.3226,
0.3234

■ 87.0900, 0.3217,
0.3221

Harmonies

Analogous

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



71.4257, 0.2896, 0.3661



71.4257, 0.2635, 0.3348



71.4257, 0.2505, 0.3037

Triad

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



71.4257, 0.2635, 0.3348



71.4257, 0.2997, 0.2788



71.4257, 0.3756, 0.3734

Complementary

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



71.4257, 0.2635, 0.3348



41.1640, 0.3979, 0.3236

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.



71.4257, 0.3793, 0.3484



71.4257, 0.2635, 0.3348



71.4257, 0.3341, 0.2957

Square

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



71.4257, 0.2635, 0.3348



71.4257, 0.2705, 0.2736



71.4257, 0.3638, 0.3205



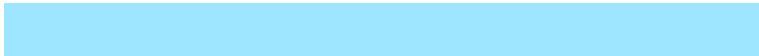
71.4257, 0.3545, 0.3881

Rectangle

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



71.4257, 0.2635, 0.3348



71.4257, 0.2504, 0.2879



71.4257, 0.3638, 0.3205



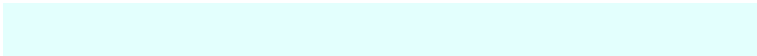
71.4257, 0.3790, 0.3658

Sweetspot

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



71.4285, 0.2635, 0.3348



94.9598, 0.2966, 0.3306



68.4091, 0.3110, 0.4400



20.2035, 0.2947, 0.3308



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.



71.4285, 0.2635, 0.3348



84.1551, 0.2560, 0.3361



52.3807, 0.2543, 0.2818



17.1061, 0.2989, 0.3303



35.9965, 0.2296, 0.3464



2.8311, 0.2288, 0.3438

Inverse Universe

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



41.1640, 0.3979, 0.3236



43.0219, 0.4235, 0.3226



54.8079, 0.3871, 0.3715



15.0680, 0.3284, 0.3277



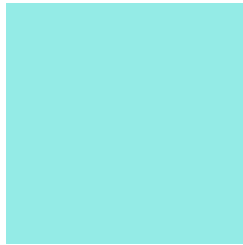
9.8525, 0.6339, 0.3266



0.7786, 0.6177, 0.3176

Previews

White Background



This preview shows how the Yxy color 71.4257, 0.2635, 0.3348 looks on a white background.

Color Contrast Check

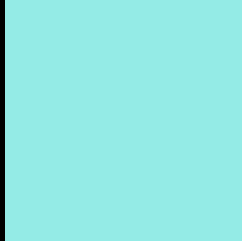
Large Text (above 18pt) WCAG AA × Fail

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 71.4257, 0.2635, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

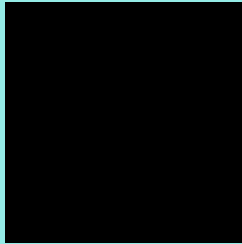
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4257, 0.2635, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 71.4257, 0.2635, 0.3348.

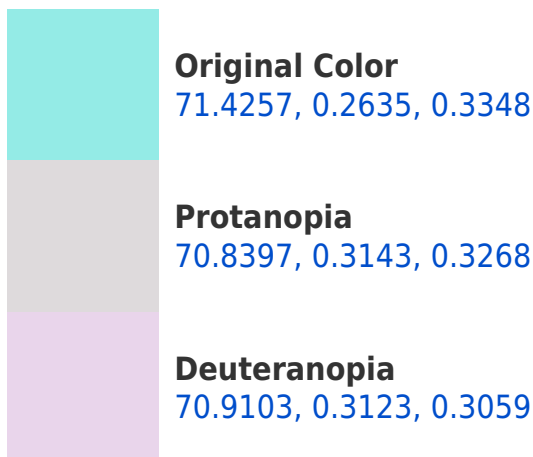


This preview shows how white text looks on a background with the Yxy color 71.4257, 0.2635, 0.3348.

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

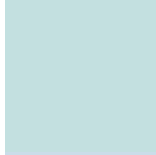
71.4506, 0.2552, 0.3069

Trichromacy



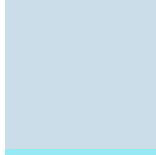
Original Color

71.4257, 0.2635, 0.3348



Protanomaly

70.2952, 0.2930, 0.3289



Deuteranomaly

70.1527, 0.2921, 0.3156



Tritanomaly

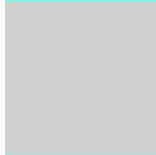
71.3282, 0.2582, 0.3171

Monochromacy



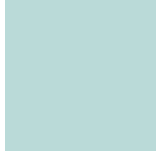
Original Color

71.4257, 0.2635, 0.3348



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.5398, 0.2917, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4257, 0.2635, 0.3348 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(148, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(148, 235, 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(148, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 235, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.4257, 0.2635, 0.3348 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(148, 235, 230) }
```

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

```
.border{ border-color:rgb(148, 235, 230) }
```

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

Here you see how a box with a 4 pixel rgb(148, 235, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(148, 235,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4257, 0.2635, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 235, 230) }
```

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

```
.background{ background-color: rgb(148,  
235, 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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