

Converting Colors

$Yxy(68.8277, 0.2653, 0.3287)$

Have a look what the booklet for
Yxy(68.8277, 0.2653, 0.3287)
contains.

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Color

Yxy(69.0791, 0.2652, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	99E6E6
RGB	153, 230, 230
RGB Percent	60%, 90%, 90%
CMY	0.4004, 0.0979, 0.0981
CMYK	0.34, 0.00, 0.00, 0.10
HSL	180°, 61%, 75%
HSV	180°, 34%, 90%
XYZ	55.7001, 69.0791, 85.2515
YIQ	206.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

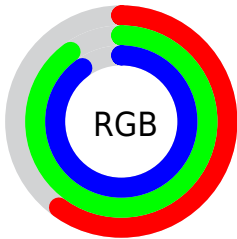
Format	Color
RYB	153, 192, 230
Decimal	10086118
CIELab	86.54, -23.58, -7.54
CIELCh	87, 24.755, 197.727
Yxy	69.0791, 0.2652, 0.3289
Android (android.graphics.Color)	4288276198 (0xFF99E6E6)
YUV	206.9770, 11.3503, -47.3378
Hunter-Lab	83.1138, -25.8244, -2.6352

Details

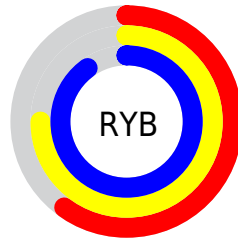
The Yxy color **69.0791, 0.2652, 0.3289** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.8731, 0.3912, 0.3292**, and the grayscale version is **62.3160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **35.9639, 0.2540, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **67.0565, 0.2539, 0.3289**, and if you desaturate by 10%, it is **71.5385, 0.2780, 0.3289**.

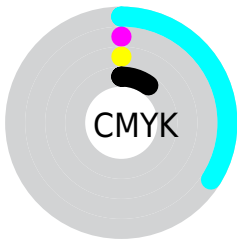
Distribution



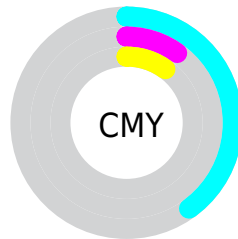
- Red (60%)
- Green (90%)
- Blue (90%)



- Red (60%)
- Yellow (75%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)





- Cyan (40%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0791, 0.2652, 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 69.0791, 0.2652, 0.3289 by changing the saturation by 10% instead.


 69.0791, 0.2652,
0.3289


 69.0791, 0.2652,
0.3289

457.3099, 0.2871,
0.3293

 50.7761, 0.2602,
0.3287


 117.8945, 0.2728,
0.3291

 36.0305, 0.2541,
0.3284


 149.1758, 0.2757,
0.3292

 24.4577, 0.2464,
0.3280


185.5520, 0.2783,
0.3292

 15.6735, 0.2364,
0.3273


227.4074, 0.2805,
0.3293

 9.2934, 0.2228,
0.3260

275.1265, 0.2824,
0.3293

 4.9331, 0.2036,
0.3237

329.0937, 0.2842,

 2.2080, 0.1745,

0.3293

389.6934, 0.2857,
0.3293

0.3188

0.7244, 0.0514,
0.3297

0.0000, 0.0000,
0.0000

69.0791, 0.2652,
0.3289

69.0791, 0.2652,
0.3289

67.0565, 0.2539,
0.3289

71.5385, 0.2780,
0.3289

65.4375, 0.2444,
0.3289

74.4494, 0.2921,
0.3290

64.1976, 0.2368,
0.3289


77.8358, 0.3072,
0.3290

63.3058, 0.2312,
0.3289


81.7175, 0.3230,
0.3290

 62.7266, 0.2274,
0.3289

 83.5826, 0.3300,
0.3290


 62.4167, 0.2254,
0.3289

 83.5832, 0.3300,
0.3290

 62.3157, 0.2247,
0.3289

 83.5838, 0.3300,
0.3290

 83.5844, 0.3300,
0.3290

 83.5850, 0.3300,
0.3290

Harmonies

Analogous

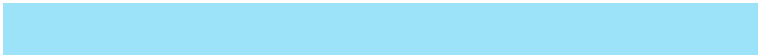
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0791, 0.2870, 0.3575



69.0791, 0.2652, 0.3289



69.0791, 0.2559, 0.3021

Triad

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



69.0791, 0.2652, 0.3289



69.0791, 0.3067, 0.2857



69.0791, 0.3668, 0.3724

Complementary

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



69.0791, 0.2652, 0.3289



41.8731, 0.3912, 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.



69.0791, 0.3731, 0.3513



69.0791, 0.2652, 0.3289



69.0791, 0.3375, 0.3026

Square

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



69.0791, 0.2652, 0.3289



69.0791, 0.2789, 0.2789



69.0791, 0.3623, 0.3261



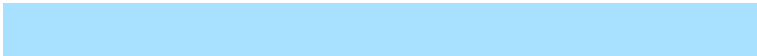
69.0791, 0.3457, 0.3829

Rectangle

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



69.0791, 0.2652, 0.3289



69.0791, 0.2575, 0.2890



69.0791, 0.3623, 0.3261



69.0791, 0.3708, 0.3663

Sweetspot

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



69.0818, 0.2652, 0.3289



95.4796, 0.2973, 0.3290



65.7914, 0.3089, 0.4286



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.



69.0818, 0.2652, 0.3289



85.5093, 0.2575, 0.3289



50.5043, 0.2592, 0.2820



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.



41.8731, 0.3912, 0.3292



46.3439, 0.4148, 0.3293



56.0261, 0.3770, 0.3716



14.3681, 0.3293, 0.3290



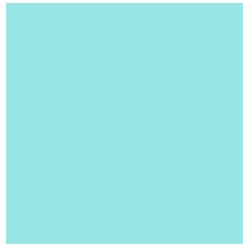
9.5244, 0.6400, 0.3299



0.7039, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 69.0791, 0.2652, 0.3289 looks on a white background.

Color Contrast Check

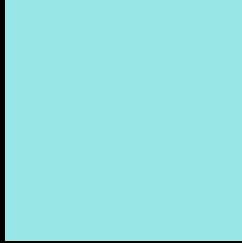
Large Text (above 18pt) WCAG AA × Fail

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 69.0791, 0.2652, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

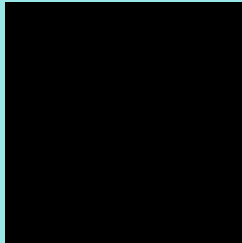
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0791, 0.2652, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 69.0791, 0.2652, 0.3289.

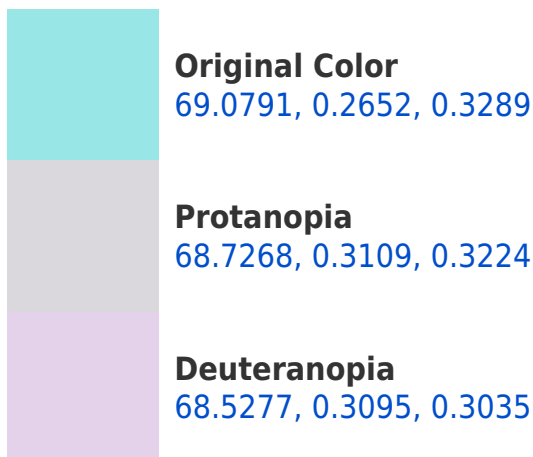


This preview shows how white text looks on a background with the Yxy color 69.0791, 0.2652, 0.3289.

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

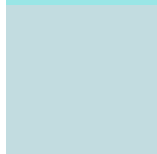
69.3087, 0.2589, 0.3079

Trichromacy



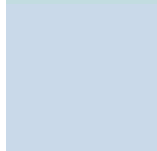
Original Color

69.0791, 0.2652, 0.3289



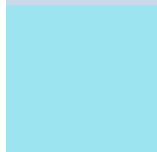
Protanomaly

68.0376, 0.2922, 0.3244



Deuteranomaly

67.9264, 0.2913, 0.3110



Tritanomaly

69.3978, 0.2616, 0.3159

Monochromacy



Original Color

69.0791, 0.2652, 0.3289



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.0720, 0.2929, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0791, 0.2652, 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(153, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(153, 230, 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(153, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 230, 230) }
```

Border

The CSS property to change the border of an element to Yxy 69.0791, 0.2652, 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(153, 230, 230) }
```

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

```
.border{ border-color:rgb(153, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(153, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(153, 230,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0791, 0.2652, 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(153, 230, 230) }
```

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

```
.background{ background-color: rgb(153,  
230, 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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