

Converting Colors

$Yxy(68.3823, 0.2751, 0.3288)$

Have a look what the booklet for
Yxy(68.3823, 0.2751, 0.3288)
contains.

Yxy(68.2085, 0.2752, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.2085, 0.2752, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A8E2E2
RGB	168, 226, 226
RGB Percent	66%, 89%, 89%
CMY	0.3411, 0.1137, 0.1138
CMYK	0.26, 0.00, 0.00, 0.11
HSL	180°, 50%, 77%
HSV	180°, 26%, 89%
XYZ	57.0720, 68.2085, 82.1032
YIQ	208.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

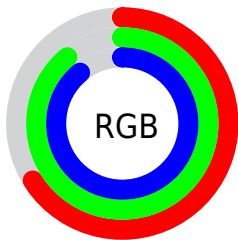
Format	Color
R _Y B	168, 197, 226
Decimal	11068130
CIE Lab	86.11, -18.31, -5.99
CIE LCh	86, 19.261, 198.105
Yxy	68.2085, 0.2752, 0.3289
Android (android.graphics.Color)	4289258210 (0xFFA8E2E2)
YUV	208.6580, 8.5496, -35.6571
Hunter-Lab	82.5884, -21.1789, -1.1297

Details

The Yxy color **68.2085, 0.2752, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0050, 0.3672, 0.3292**, and the grayscale version is **63.4882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **35.6435, 0.2662, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **65.9422, 0.2627, 0.3289**, and if you desaturate by 10%, it is **70.9114, 0.2890, 0.3289**.

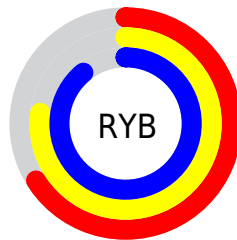
Distribution



Red (66%)

Green (89%)

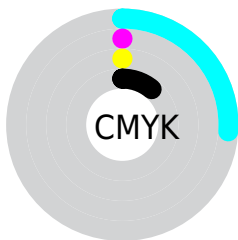
Blue (89%)



Red (66%)

Yellow (77%)

Blue (89%)

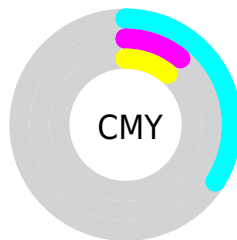


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (34%)


Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2085, 0.2752, 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 68.2085, 0.2752, 0.3289 by changing the saturation by 10% instead.


 68.2085, 0.2752,
0.3289

 68.2085, 0.2752,
0.3289

454.2344, 0.2926,
0.3292

 50.0674, 0.2712,
0.3288


 116.6504, 0.2812,
0.3290

 35.4669, 0.2663,
0.3286


147.7199, 0.2836,
0.3291

 24.0228, 0.2601,
0.3283


183.8677, 0.2856,
0.3291

 15.3505, 0.2519,
0.3278


225.4781, 0.2874,
0.3291

 9.0658, 0.2409,
0.3270

272.9356, 0.2889,
0.3292

 4.7841, 0.2249,
0.3255

326.6246, 0.2903,

 2.1211, 0.2002,

0.3292

386.9294, 0.2915,
0.3292

0.3223

0.6765, 0.0961,
0.3315

0.0000, 0.0000,
0.0000

68.2085, 0.2752,
0.3289

68.2085, 0.2752,
0.3289

65.9422, 0.2627,
0.3289

70.9114, 0.2890,
0.3289

64.0819, 0.2518,
0.3288


74.0634, 0.3039,
0.3290


62.6060, 0.2427,
0.3288


77.6864, 0.3196,
0.3290

61.4878, 0.2355,
0.3288

81.1466, 0.3332,
0.3291

 60.6969, 0.2302,
0.3288


 81.1468, 0.3332,
0.3291


 60.1979, 0.2268,
0.3288

 81.1471, 0.3332,
0.3290

 59.9473, 0.2251,
0.3288

 81.1473, 0.3332,
0.3290

 59.8840, 0.2247,
0.3288

 81.1475, 0.3332,
0.3290

 81.1478, 0.3332,
0.3290

Harmonies

Analogous

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



68.2085, 0.2924, 0.3508



68.2085, 0.2752, 0.3289



68.2085, 0.2678, 0.3080

Triad

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



68.2085, 0.2752, 0.3289



68.2085, 0.3085, 0.2948



68.2085, 0.3548, 0.3634

Complementary

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



68.2085, 0.2752, 0.3289



47.0050, 0.3672, 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.



68.2085, 0.3598, 0.3472



68.2085, 0.2752, 0.3289



68.2085, 0.3325, 0.3084

Square

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



68.2085, 0.2752, 0.3289



68.2085, 0.2865, 0.2894



68.2085, 0.3515, 0.3273



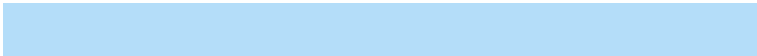
68.2085, 0.3384, 0.3710

Rectangle

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



68.2085, 0.2752, 0.3289



68.2085, 0.2693, 0.2976



68.2085, 0.3515, 0.3273



68.2085, 0.3579, 0.3587

Sweetspot

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



68.2113, 0.2752, 0.3289



96.3339, 0.3003, 0.3290



65.6545, 0.3099, 0.4020



20.4814, 0.2980, 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.



68.2113, 0.2752, 0.3289



87.9633, 0.2681, 0.3289



54.1922, 0.2720, 0.2945



15.5723, 0.2982, 0.3290



34.1624, 0.2247, 0.3288



2.3680, 0.2247, 0.3288

Inverse Universe

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



47.0050, 0.3672, 0.3292



55.4243, 0.3836, 0.3292



58.4943, 0.3593, 0.3612



13.7006, 0.3292, 0.3290



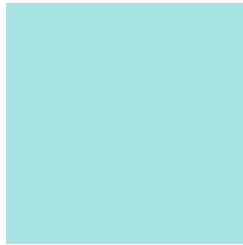
9.2244, 0.6401, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 68.2085, 0.2752, 0.3289 looks on a white background.

Color Contrast Check

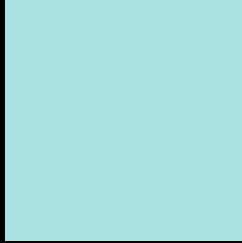
Large Text (above 18pt) WCAG AA × Fail

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 68.2085, 0.2752, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

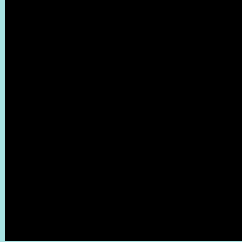
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

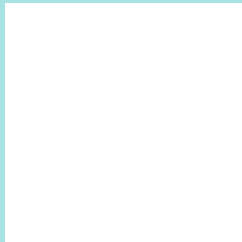
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2085, 0.2752, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 68.2085, 0.2752, 0.3289.

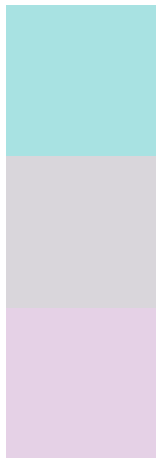


This preview shows how white text looks on a background with the Yxy color 68.2085, 0.2752, 0.3289.

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



Original Color

68.2085, 0.2752, 0.3289

Protanopia

67.9593, 0.3115, 0.3235

Deuteranopia

67.9721, 0.3130, 0.3066



Tritanopia

68.3800, 0.2680, 0.3081

Trichromacy



Original Color

68.2085, 0.2752, 0.3289

Protanomaly

67.5588, 0.2968, 0.3244

Deuteranomaly

67.5234, 0.2978, 0.3134

Tritanomaly

68.4526, 0.2708, 0.3161

Monochromacy



Original Color

68.2085, 0.2752, 0.3289

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.9765, 0.2978, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2085, 0.2752, 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(168, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 226, 226)  
}
```

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(168, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.2085, 0.2752, 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(168, 226, 226) }
```

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

```
.border{ border-color:rgb(168, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(168, 226,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2085, 0.2752, 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(168, 226, 226) }
```

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

```
.background{ background-color: rgb(168,  
226, 226) }
```

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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