

Converting Colors

$Yxy(69.2157, 0.2585, 0.3290)$

Have a look what the booklet for
Yxy(69.2157, 0.2585, 0.3290)
contains.

Yxy(69.2021, 0.2585, 0.3288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.2021, 0.2585, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8DE8E8
RGB	141, 232, 232
RGB Percent	55%, 91%, 91%
CMY	0.4472, 0.0902, 0.0900
CMYK	0.39, 0.00, 0.00, 0.09
HSL	180°, 66%, 73%
HSV	180°, 39%, 91%
XYZ	54.4062, 69.2021, 86.8604
YIQ	204.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

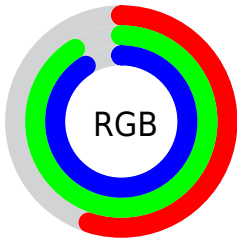
Format	Color
R _Y B	141, 187, 232
Decimal	9300200
CIE Lab	86.60, -27.11, -8.59
CIE LCh	87, 28.434, 197.573
Yxy	69.2021, 0.2585, 0.3288
Android (android.graphics.Color)	4287490280 (0xFF8DE8E8)
YUV	204.7910, 13.4140, -55.9447
Hunter-Lab	83.1878, -28.8368, -3.6761

Details

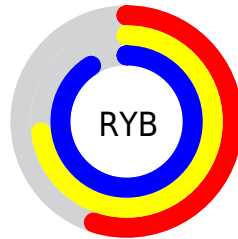
The Yxy color **69.2021, 0.2585, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.1339, 0.4113, 0.3293**, and the grayscale version is **60.8478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **36.0701, 0.2463, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **67.3755, 0.2482, 0.3288**, and if you desaturate by 10%, it is **71.4602, 0.2705, 0.3288**.

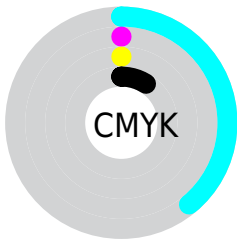
Distribution



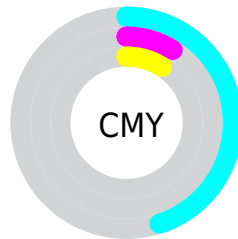
- Red (55%)
- Green (91%)
- Blue (91%)



- Red (55%)
- Yellow (73%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)





- Cyan (45%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2021, 0.2585, 0.3288 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 69.2021, 0.2585, 0.3288 by changing the saturation by 10% instead.


 69.2021, 0.2585,
0.3288


 69.2021, 0.2585,
0.3288


457.7434, 0.2834,
0.3294

 50.8763, 0.2529,
0.3285


 118.0702, 0.2671,
0.3291

 36.1102, 0.2459,
0.3282


 149.3813, 0.2705,
0.3292

 24.5193, 0.2372,
0.3276


185.7896, 0.2733,
0.3293

 15.7193, 0.2260,
0.3266

227.6796, 0.2759,
0.3293

 9.3257, 0.2108,
0.3250

275.4355, 0.2781,
0.3293

 4.9543, 0.1895,
0.3220

329.4419, 0.2801,

 2.2204, 0.1578,

0.3294

390.0831, 0.2818,
0.3294

0.3157

0.7311, 0.0149,
0.3281

0.0000, 0.0000,
0.0000

69.2021, 0.2585,
0.3288

69.2021, 0.2585,
0.3288

67.3755, 0.2482,
0.3288

71.4602, 0.2705,
0.3288

65.9453, 0.2398,
0.3287

74.1662, 0.2839,
0.3289

64.8845, 0.2333,
0.3287

77.3453, 0.2985,
0.3290

64.1589, 0.2287,
0.3287

81.0187, 0.3139,
0.3290

■ 63.7283, 0.2260,
0.3287

■ 84.8275, 0.3285,
0.3291

■ 63.5291, 0.2247,
0.3286

■ 84.8320, 0.3285,
0.3291

■ 63.5175, 0.2246,
0.3286

■ 84.8365, 0.3285,
0.3291

■ 84.8410, 0.3285,
0.3291

■ 84.8455, 0.3285,
0.3291

Harmonies

Analogous

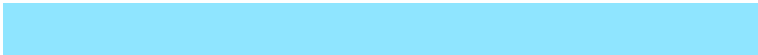
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2021, 0.2833, 0.3620



69.2021, 0.2585, 0.3288



69.2021, 0.2479, 0.2980

Triad

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



69.2021, 0.2585, 0.3288



69.2021, 0.3055, 0.2797



69.2021, 0.3748, 0.3784

Complementary

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



69.2021, 0.2585, 0.3288



38.1339, 0.4113, 0.3293

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.



69.2021, 0.3822, 0.3540



69.2021, 0.2585, 0.3288



69.2021, 0.3409, 0.2988

Square

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



69.2021, 0.2585, 0.3288



69.2021, 0.2738, 0.2720



69.2021, 0.3696, 0.3253



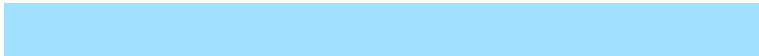
69.2021, 0.3504, 0.3910

Rectangle

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



69.2021, 0.2585, 0.3288



69.2021, 0.2498, 0.2831



69.2021, 0.3696, 0.3253



69.2021, 0.3794, 0.3712

Sweetspot

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



69.2048, 0.2585, 0.3288



94.6445, 0.2943, 0.3289



65.3164, 0.3071, 0.4492



20.1446, 0.2923, 0.3289



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.



69.2048, 0.2585, 0.3288



83.8769, 0.2501, 0.3288



46.8183, 0.2496, 0.2704



16.3355, 0.2982, 0.3290



35.2500, 0.2246, 0.3286



2.6051, 0.2246, 0.3287

Inverse Universe

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



42.0290, 0.3173, 0.2324



45.8472, 0.3181, 0.2146



54.4143, 0.3901, 0.3807



14.6152, 0.3138, 0.3059



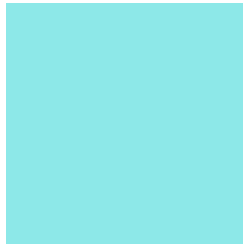
12.7562, 0.3210, 0.1542



0.9427, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 69.2021, 0.2585, 0.3288 looks on a white background.

Color Contrast Check

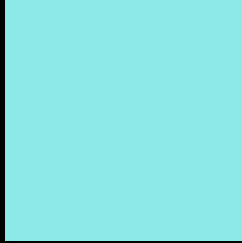
Large Text (above 18pt) WCAG AA × Fail

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 69.2021, 0.2585, 0.3288 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 69.2021, 0.2585, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 69.2021, 0.2585, 0.3288.

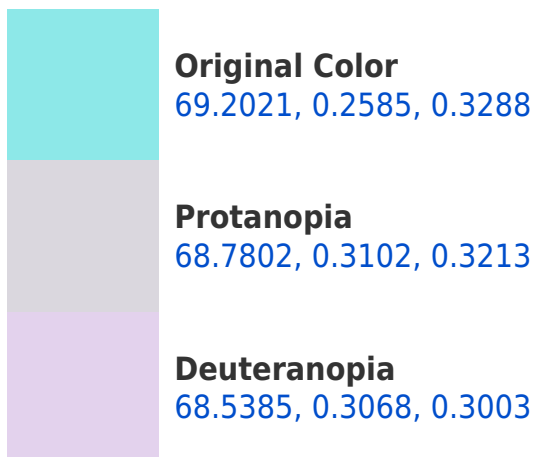


This preview shows how white text looks on a background with the Yxy color 69.2021, 0.2585, 0.3288.

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

69.3907, 0.2524, 0.3077

Trichromacy



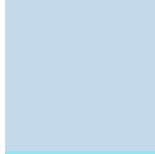
Original Color

69.2021, 0.2585, 0.3288



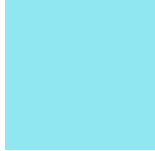
Protanomaly

68.1510, 0.2884, 0.3232



Deuteranomaly

67.8767, 0.2868, 0.3098



Tritanomaly

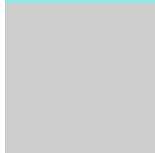
69.4919, 0.2550, 0.3158

Monochromacy



Original Color

69.2021, 0.2585, 0.3288



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

63.4523, 0.2896, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2021, 0.2585, 0.3288 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(141, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(141, 232, 232)  
}
```

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(141, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 232, 232) }
```

Border

The CSS property to change the border of an element to Yxy 69.2021, 0.2585, 0.3288 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(141, 232, 232) }
```

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

```
.border{ border-color:rgb(141, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 232, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 232, 232); box-shadow:4px 4px 4px 4px rgb(141, 232, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2021, 0.2585, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 232, 232) }
```

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

```
.background{ background-color: rgb(141,  
232, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor