

Converting Colors

$Yxy(69.4603, 0.2746, 0.3585)$

Have a look what the booklet for
Yxy(69.4603, 0.2746, 0.3585)
contains.

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Color

Yxy(69.2708, 0.2745, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	95E9D1
RGB	149, 233, 209
RGB Percent	58%, 91%, 82%
CMY	0.4158, 0.0862, 0.1803
CMYK	0.36, 0.00, 0.10, 0.09
HSL	163°, 66%, 75%
HSV	163°, 36%, 91%
XYZ	53.0400, 69.2708, 70.9132
YIQ	205.1480, -42.3600, -25.2720

Conversions

Conversions Part 2

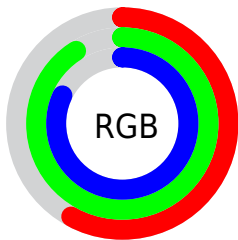
Format	Color
RYB	149, 198, 233
Decimal	9824721
CIELab	86.64, -30.76, 3.60
CIELCh	87, 30.968, 173.323
Yxy	69.2708, 0.2745, 0.3585
Android (android.graphics.Color)	4288014801 (0xFF95E9D1)
YUV	205.1480, 1.8990, -49.2418
Hunter-Lab	83.2291, -31.8969, 7.7438

Details

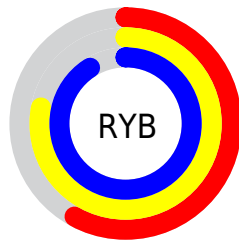
The Yxy color **69.2708, 0.2745, 0.3585** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.8254, 0.3745, 0.3019**, and the grayscale version is **61.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **36.1905, 0.2650, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **66.9748, 0.2661, 0.3683**, and if you desaturate by 10%, it is **72.0245, 0.2841, 0.3494**.

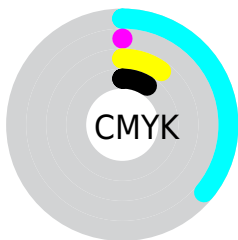
Distribution



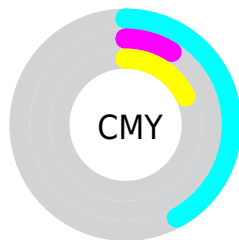
- Red (58%)
- Green (91%)
- Blue (82%)



- Red (58%)
- Yellow (78%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (42%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2708, 0.2745, 0.3585 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 69.2708, 0.2745, 0.3585 by changing the saturation by 10% instead.


 69.2708, 0.2745,
0.3585


 69.2708, 0.2745,
0.3585


457.9855, 0.2924,
0.3445

 50.9323, 0.2704,
0.3618

 118.1683, 0.2808,
0.3536

 36.1547, 0.2652,
0.3659


 149.4960, 0.2832,
0.3517

 24.5537, 0.2587,
0.3711


185.9223, 0.2853,
0.3501

 15.7449, 0.2500,
0.3781

227.8315, 0.2871,
0.3487

 9.3438, 0.2381,
0.3879

275.6080, 0.2886,
0.3474

 4.9661, 0.2208,
0.4024


329.6363, 0.2900,

 2.2274, 0.1932,


0.3464


0.4262


390.3006, 0.2913,
0.3454


 0.7349, 0.0000,
0.5726


 0.0000, 0.0000,
0.0000


 69.2708, 0.2745,
0.3585


 69.2708, 0.2745,
0.3585


 66.9748, 0.2661,
0.3683


 72.0245, 0.2841,
0.3494


 65.1016, 0.2593,
0.3786

 75.2518, 0.2946,
0.3410


 63.6249, 0.2543,
0.3892


 78.9780, 0.3058,
0.3333

 62.5114, 0.2512,
0.4001


 83.2241, 0.3173,
0.3264

 61.7227, 0.2501,
0.4110

 85.9692, 0.3218,
0.3200

 61.2108, 0.2510,
0.4217

 86.3767, 0.3175,
0.3136

 61.0543, 0.2517,
0.4260

 86.7621, 0.3137,
0.3078

Harmonies

Analogous

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



69.2708, 0.3096, 0.3874



69.2708, 0.2745, 0.3585



69.2708, 0.2504, 0.3216

Triad

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



69.2708, 0.2745, 0.3585



69.2708, 0.2763, 0.2678



69.2708, 0.3885, 0.3615

Complementary

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



69.2708, 0.2745, 0.3585



41.8254, 0.3745, 0.3019

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.



69.2708, 0.3789, 0.3307



69.2708, 0.2745, 0.3585



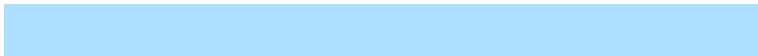
69.2708, 0.3122, 0.2788

Square

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



69.2708, 0.2745, 0.3585



69.2708, 0.2514, 0.2711



69.2708, 0.3503, 0.3013



69.2708, 0.3763, 0.3864

Rectangle

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



69.2708, 0.2745, 0.3585



69.2708, 0.2431, 0.2992



69.2708, 0.3503, 0.3013



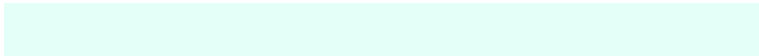
69.2708, 0.3878, 0.3515

Sweetspot

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



69.2736, 0.2745, 0.3585



94.5579, 0.3001, 0.3370



69.4705, 0.3241, 0.4325



20.1072, 0.2986, 0.3381



0.0000, 0.0000, 0.0000



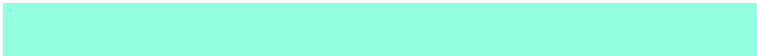
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2736, 0.2745, 0.3585



82.9377, 0.2684, 0.3654



61.4846, 0.2593, 0.3083



17.0443, 0.3019, 0.3358



34.6634, 0.2512, 0.4243



2.7383, 0.2471, 0.4094

Inverse Universe

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



41.8254, 0.3745, 0.3019



44.7779, 0.3928, 0.2965



46.6854, 0.3928, 0.3485



15.1247, 0.3248, 0.3223



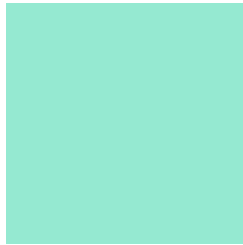
10.0747, 0.5810, 0.2974



0.8072, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 69.2708, 0.2745, 0.3585 looks on a white background.

Color Contrast Check

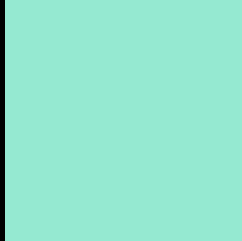
Large Text (above 18pt) WCAG AA × Fail

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 69.2708, 0.2745, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

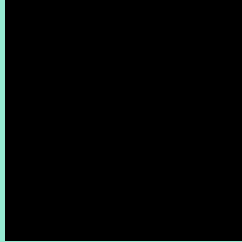
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

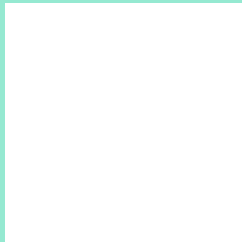
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2708, 0.2745, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 69.2708, 0.2745, 0.3585.



This preview shows how white text looks on a background with the Yxy color 69.2708, 0.2745, 0.3585.

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

69.2708, 0.2745, 0.3585

Protanopia

68.5717, 0.3305, 0.3468

Deuteranopia

68.4605, 0.3304, 0.3237



Tritanopia

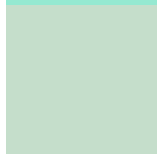
69.4097, 0.2595, 0.3080

Trichromacy



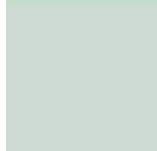
Original Color

69.2708, 0.2745, 0.3585



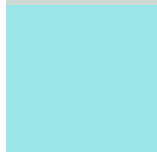
Protanomaly

68.4247, 0.3075, 0.3511



Deuteranomaly

67.8754, 0.3074, 0.3358



Tritanomaly

69.4454, 0.2648, 0.3253

Monochromacy



Original Color

69.2708, 0.2745, 0.3585



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

63.3714, 0.2973, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2708, 0.2745, 0.3585 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(149, 233, 209)` looks like.

```
.text, #text, p{  
    color:rgb(149, 233, 209)  
}
```

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(149, 233, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 233, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.2708, 0.2745, 0.3585 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(149, 233, 209) }
```

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

```
.border{ border-color:rgb(149, 233, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 233, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 233, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 233, 209);  
box-shadow:4px 4px 4px 4px rgb(149, 233,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2708, 0.2745, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 233, 209) }
```

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

```
.background{ background-color: rgb(149,  
233, 209) }
```

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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