

Converting Colors

$Yxy(69.2221, 0.2915, 0.3746)$

Have a look what the booklet for
Yxy(69.2221, 0.2915, 0.3746)
contains.

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Color

Yxy(69.0462, 0.2919, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	A5E7C2
RGB	165, 231, 194
RGB Percent	65%, 91%, 76%
CMY	0.3529, 0.0941, 0.2391
CMYK	0.29, 0.00, 0.16, 0.09
HSL	146°, 58%, 78%
HSV	146°, 29%, 91%
XYZ	53.8317, 69.0462, 61.5404
YIQ	207.0480, -27.4590, -25.4990

Conversions

Conversions Part 2

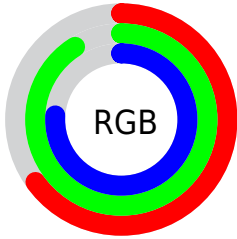
Format	Color
RYB	165, 211, 231
Decimal	10872770
CIELab	86.53, -28.24, 11.41
CIElCh	87, 30.459, 157.999
Yxy	69.0462, 0.2919, 0.3744
Android (android.graphics.Color)	4289062850 (0xFFA5E7C2)
YUV	207.0480, -6.4327, -36.8761
Hunter-Lab	83.0940, -29.7750, 14.2550

Details

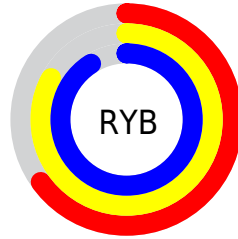
The Yxy color **69.0462, 0.2919, 0.3744** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.1624, 0.3409, 0.2877**, and the grayscale version is **62.4868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8572, 0.2944, 0.3330**, and **35.9329, 0.2865, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **66.2351, 0.2856, 0.3935**, and if you desaturate by 10%, it is **72.3611, 0.2989, 0.3569**.

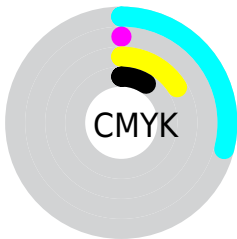
Distribution



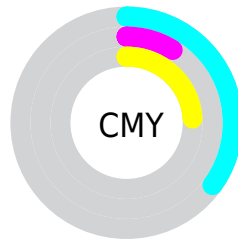
- Red (65%)
- Green (91%)
- Blue (76%)



- Red (65%)
- Yellow (83%)
- Blue (91%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (35%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0462, 0.2919, 0.3744 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 69.0462, 0.2919, 0.3744 by changing the saturation by 10% instead.

69.0462, 0.2919,
0.3744

69.0462, 0.2919,
0.3744

457.1939, 0.3020,
0.3525

50.7493, 0.2895,
0.3796

117.8476, 0.2955,
0.3666

36.0092, 0.2864,
0.3863

149.1208, 0.2968,
0.3636

24.4413, 0.2825,
0.3949

185.4884, 0.2980,
0.3611

15.6613, 0.2772,
0.4065

227.3346, 0.2990,
0.3589

9.2848, 0.2696,
0.4230

275.0439, 0.2999,
0.3570

4.9274, 0.2579,
0.4483


329.0006, 0.3007,

2.2047, 0.2379,


0.3553


0.4916


389.5891, 0.3014,
0.3538


 0.7226, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.0462, 0.2919,
0.3744


 69.0462, 0.2919,
0.3744


 66.2351, 0.2856,
0.3935


 72.3611, 0.2989,
0.3569


 63.8938, 0.2802,
0.4141

 76.1946, 0.3063,
0.3412

 61.9974, 0.2762,
0.4357

 80.5717, 0.3138,
0.3271

 60.5152, 0.2738,
0.4578

 85.0551, 0.3196,
0.3146

■ 59.4125, 0.2734,
0.4798

■ 85.6340, 0.3138,
0.3058

■ 58.6483, 0.2749,
0.5009

■ 58.1630, 0.2781,
0.5203

■ 58.1048, 0.2786,
0.5230

Harmonies

Analogous

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



69.0462, 0.3289, 0.3941



69.0462, 0.2919, 0.3744



69.0462, 0.2617, 0.3404

Triad

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



69.0462, 0.2919, 0.3744



69.0462, 0.2626, 0.2685



69.0462, 0.3852, 0.3458

Complementary

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



69.0462, 0.2919, 0.3744



48.1624, 0.3409, 0.2877

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.



69.0462, 0.3654, 0.3154



69.0462, 0.2919, 0.3744



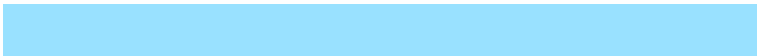
69.0462, 0.2932, 0.2723

Square

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



69.0462, 0.2919, 0.3744



69.0462, 0.2456, 0.2795



69.0462, 0.3310, 0.2892



69.0462, 0.3840, 0.3743

Rectangle

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



69.0462, 0.2919, 0.3744



69.0462, 0.2490, 0.3162



69.0462, 0.3310, 0.2892



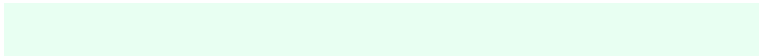
69.0462, 0.3808, 0.3356

Sweetspot

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



69.0491, 0.2919, 0.3744



95.1035, 0.3059, 0.3419



72.4831, 0.3347, 0.4055



20.1979, 0.3048, 0.3441



0.0000, 0.0000, 0.0000



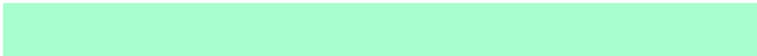
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0491, 0.2919, 0.3744



84.3546, 0.2882, 0.3849



70.6772, 0.2737, 0.3341



16.1939, 0.3056, 0.3425



32.5972, 0.2778, 0.5200



2.4272, 0.2698, 0.4914

Inverse Universe

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



48.1624, 0.3409, 0.2877



54.3795, 0.3483, 0.2793



46.7786, 0.3715, 0.3241



14.5026, 0.3205, 0.3159



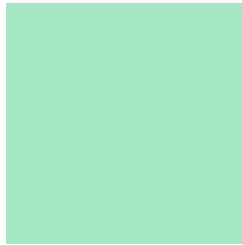
10.4446, 0.4700, 0.2363



0.7904, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 69.0462, 0.2919, 0.3744 looks on a white background.

Color Contrast Check

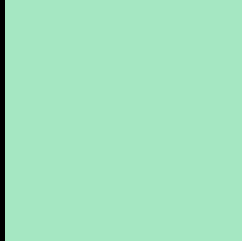
Large Text (above 18pt) WCAG AA × Fail

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 69.0462, 0.2919, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

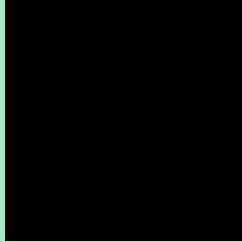
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

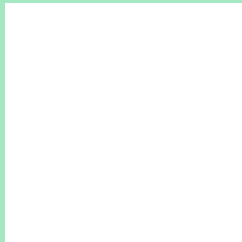
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0462, 0.2919, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 69.0462, 0.2919, 0.3744.



This preview shows how white text looks on a background with the Yxy color 69.0462, 0.2919, 0.3744.

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

69.0462, 0.2919, 0.3744

Protanopia

68.3148, 0.3413, 0.3613

Deuteranopia

68.2900, 0.3463, 0.3387



Tritanopia

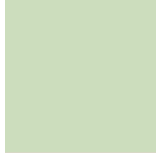
68.8361, 0.2703, 0.3083

Trichromacy



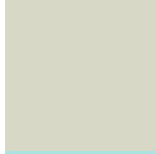
Original Color

69.0462, 0.2919, 0.3744



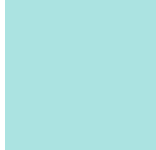
Protanomaly

68.2244, 0.3217, 0.3662



Deuteranomaly

67.5900, 0.3250, 0.3505



Tritanomaly

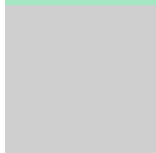
69.0323, 0.2776, 0.3313

Monochromacy



Original Color

69.0462, 0.2919, 0.3744



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.5825, 0.3048, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0462, 0.2919, 0.3744 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(165, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 231, 194)  
}
```

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(165, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 231, 194) }
```

Border

The CSS property to change the border of an element to Yxy 69.0462, 0.2919, 0.3744 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(165, 231, 194) }
```

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

```
.border{ border-color:rgb(165, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 231, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 231, 194); box-shadow:4px 4px 4px 4px rgb(165, 231, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0462, 0.2919, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 231, 194) }
```

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

```
.background{ background-color: rgb(165,  
231, 194) }
```

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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