

Converting Colors

$Yxy(69.2615, 0.2669, 0.3033)$

Have a look what the booklet for
Yxy(69.2615, 0.2669, 0.3033)
contains.

Yxy(69.5645, 0.2672, 0.3039)	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(69.5645, 0.2672, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	AEE1F7
RGB	174, 225, 247
RGB Percent	68%, 88%, 97%
CMY	0.3177, 0.1176, 0.0315
CMYK	0.30, 0.09, 0.00, 0.03
HSL	198°, 82%, 83%
HSV	198°, 30%, 97%
XYZ	61.1637, 69.5645, 98.1777
YIQ	212.2590, -37.4580, -3.9700

Conversions

Conversions Part 2

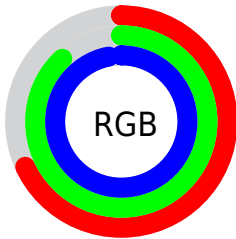
Format	Color
RYB	174, 204, 247
Decimal	11461111
CIELab	86.78, -11.36, -16.01
CIElCh	87, 19.626, 234.645
Yxy	69.5645, 0.2672, 0.3039
Android (android.graphics.Color)	4289651191 (0xFFAEE1F7)
YUV	212.2590, 17.1273, -33.5531
Hunter-Lab	83.4053, -15.0599, -11.4075

Details

The Yxy color **69.5645, 0.2672, 0.3039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.2841, 0.3721, 0.3527**, and the grayscale version is **65.9215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **36.4330, 0.2562, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **63.0550, 0.2526, 0.2939**, and if you desaturate by 10%, it is **76.7760, 0.2824, 0.3132**.

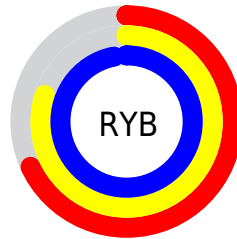
Distribution



Red (68%)

Green (88%)

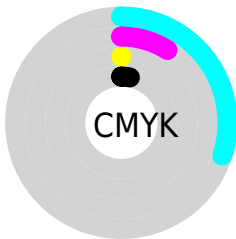
Blue (97%)



Red (68%)

Yellow (80%)

Blue (97%)

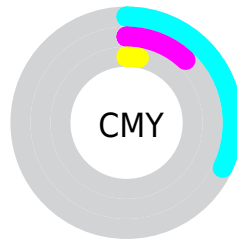


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5645, 0.2672, 0.3039 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 69.5645, 0.2672, 0.3039 by changing the saturation by 10% instead.

■ 69.5645, 0.2672,
0.3039

■ 69.5645, 0.2672,
0.3039

459.0194, 0.2881,
0.3159

■ 51.1716, 0.2625,
0.3011

■ 118.5875, 0.2744,
0.3081

■ 36.3452, 0.2567,
0.2976

149.9863, 0.2772,
0.3097

■ 24.7009, 0.2494,
0.2931

186.4893, 0.2796,
0.3111

■ 15.8544, 0.2400,
0.2871

228.4808, 0.2818,
0.3123

■ 9.4211, 0.2273,
0.2789

276.3451, 0.2836,
0.3134

■ 5.0169, 0.2096,
0.2668

330.4667, 0.2853,

■ 2.2572, 0.1830,

0.3143

0.2475

391.2300, 0.2868,
0.3151

0.7509, 0.1252,
0.2153

0.0000, 0.0000,
0.0000

69.5645, 0.2672,
0.3039

69.5645, 0.2672,
0.3039

63.0550, 0.2526,
0.2939

76.7760, 0.2824,
0.3132

57.2083, 0.2390,
0.2833

84.7097, 0.2979,
0.3217

51.9936, 0.2267,
0.2722

93.3952, 0.3134,
0.3293

47.3736, 0.2162,
0.2607

99.3283, 0.3174,
0.3364

■ 43.3061, 0.2076,
0.2492

■ 99.4938, 0.3174,
0.3367

■ 39.7412, 0.2010,
0.2376

■ 36.6014, 0.1963,
0.2263

■ 36.4667, 0.1961,
0.2258

Harmonies

Analogous

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



69.5645, 0.2722, 0.3239



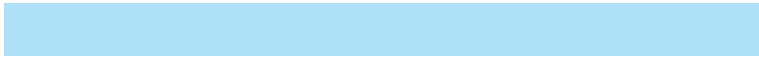
69.5645, 0.2672, 0.3039



69.5645, 0.2738, 0.2916

Triad

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



69.5645, 0.2672, 0.3039



69.5645, 0.3376, 0.3120



69.5645, 0.3340, 0.3716

Complementary

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



69.5645, 0.2672, 0.3039



62.2841, 0.3721, 0.3527

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.



69.5645, 0.3526, 0.3664



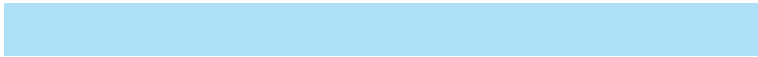
69.5645, 0.2672, 0.3039



69.5645, 0.3549, 0.3317

Square

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



69.5645, 0.2672, 0.3039



69.5645, 0.3138, 0.2968



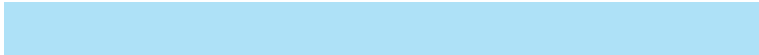
69.5645, 0.3604, 0.3515



69.5645, 0.3102, 0.3645

Rectangle

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



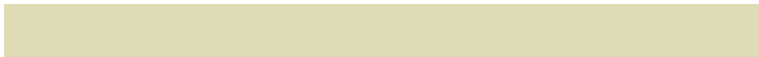
69.5645, 0.2672, 0.3039



69.5645, 0.2840, 0.2890



69.5645, 0.3604, 0.3515



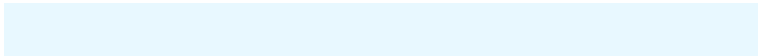
69.5645, 0.3411, 0.3712

Sweetspot

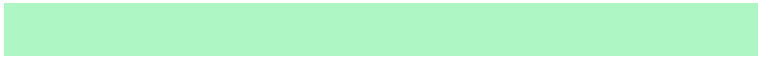
The Sweet Spot groups the original color and five complimentary colors.



69.5673, 0.2672, 0.3039



91.5764, 0.2987, 0.3221



79.4838, 0.2967, 0.3888



19.3230, 0.2965, 0.3209



0.0000, 0.0000, 0.0000



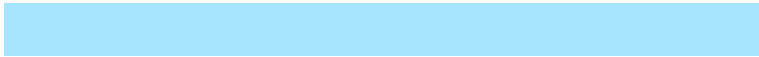
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5673, 0.2672, 0.3039



70.8643, 0.2591, 0.2985



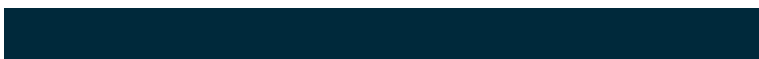
51.9288, 0.2624, 0.2603



17.8666, 0.2980, 0.3217



19.5513, 0.1966, 0.2277



1.8980, 0.2005, 0.2419

Inverse Universe

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



55.4743, 0.3338, 0.2760



54.0509, 0.3388, 0.2660



80.7512, 0.3614, 0.3894



16.6784, 0.3184, 0.3126



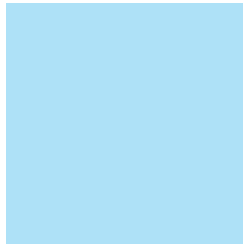
12.0731, 0.4150, 0.2060



1.0792, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 69.5645, 0.2672, 0.3039 looks on a white background.

Color Contrast Check

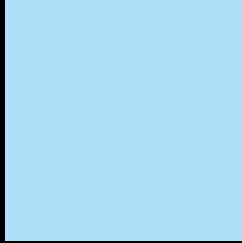
Large Text (above 18pt) WCAG AA × Fail

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 69.5645, 0.2672, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

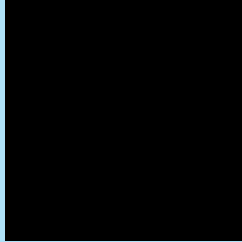
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5645, 0.2672, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 69.5645, 0.2672, 0.3039.

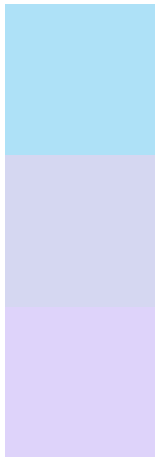


This preview shows how white text looks on a background with the Yxy color 69.5645, 0.2672, 0.3039.

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

69.5645, 0.2672, 0.3039

Protanopia

69.0979, 0.2944, 0.3008

Deuteranopia

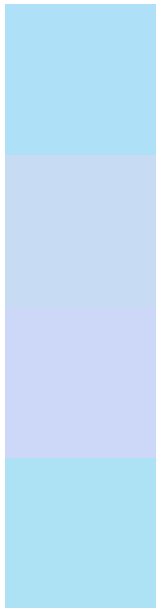
69.0203, 0.2948, 0.2879



Tritanopia

69.8086, 0.2683, 0.3083

Trichromacy



Original Color

69.5645, 0.2672, 0.3039

Protanomaly

69.2762, 0.2840, 0.3024

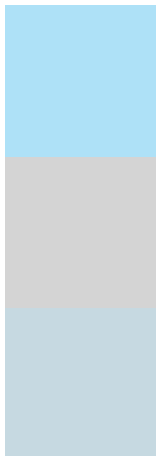
Deuteranomaly

68.9304, 0.2842, 0.2931

Tritanomaly

69.8695, 0.2678, 0.3072

Monochromacy



Original Color

69.5645, 0.2672, 0.3039

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0677, 0.2942, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5645, 0.2672, 0.3039 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(174, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(174, 225, 247)  
}
```

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(174, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 225, 247) }
```

Border

The CSS property to change the border of an element to Yxy 69.5645, 0.2672, 0.3039 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(174, 225, 247) }
```

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

```
.border{ border-color:rgb(174, 225, 247) }
```

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

Here you see how a box with a 4 pixel rgb(174, 225, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(174, 225,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5645, 0.2672, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 225, 247) }
```

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

```
.background{ background-color: rgb(174,  
225, 247) }
```

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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