

Converting Colors

Yxy(69.7441, 0.2648, 0.3113)

Have a look what the booklet for
Yxy(69.7441, 0.2648, 0.3113)
contains.

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Color

Yxy(69.9572, 0.2647, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	A5E4F3
RGB	165, 228, 243
RGB Percent	65%, 89%, 95%
CMY	0.3528, 0.1059, 0.0470
CMYK	0.32, 0.06, 0.00, 0.05
HSL	192°, 76%, 80%
HSV	192°, 32%, 95%
XYZ	59.4468, 69.9572, 95.1777
YIQ	210.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

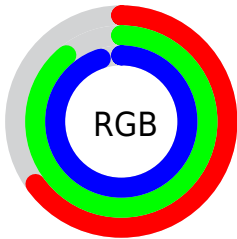
Format	Color
RYB	165, 200, 243
Decimal	10872051
CIELab	86.98, -16.27, -13.68
CIElCh	87, 21.257, 220.075
Yxy	69.9572, 0.2647, 0.3115
Android (android.graphics.Color)	4289062131 (0xFFA5E4F3)
YUV	210.8730, 15.8386, -40.2306
Hunter-Lab	83.6404, -19.5033, -8.9201

Details

The Yxy color **69.9572, 0.2647, 0.3115** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4475, 0.3816, 0.3457**, and the grayscale version is **64.9756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **36.7900, 0.2536, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **65.0543, 0.2514, 0.3052**, and if you desaturate by 10%, it is **75.4306, 0.2790, 0.3175**.

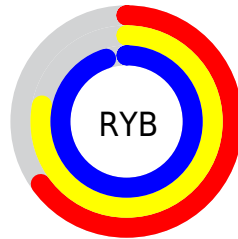
Distribution



Red (65%)

Green (89%)

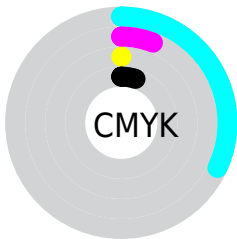
Blue (95%)



Red (65%)

Yellow (78%)

Blue (95%)

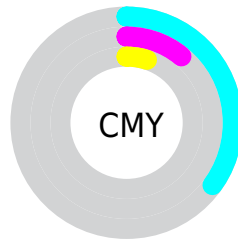


Cyan (32%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (35%)


Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9572, 0.2647, 0.3115 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 69.9572, 0.2647, 0.3115 by changing the saturation by 10% instead.


 69.9572, 0.2647,
0.3115


 69.9572, 0.2647,
0.3115


460.3997, 0.2867,
0.3200

 51.4916, 0.2597,
0.3094


 119.1477, 0.2723,
0.3145

 36.6000, 0.2537,
0.3069


 150.6415, 0.2752,
0.3157

 24.8980, 0.2460,
0.3035


187.2467, 0.2778,
0.3167

 16.0011, 0.2361,
0.2990

229.3479, 0.2800,
0.3175

 9.5249, 0.2229,
0.2927

277.3294, 0.2820,
0.3183

 5.0851, 0.2043,
0.2831

331.5756, 0.2837,

 2.2973, 0.1765,

0.3189

0.2674

392.4709, 0.2853,
0.3195

0.7723, 0.1063,
0.2436

0.0000, 0.0000,
0.0000

69.9572, 0.2647,
0.3115

69.9572, 0.2647,
0.3115

65.0543, 0.2514,
0.3052

75.4306, 0.2790,
0.3175

60.6849, 0.2394,
0.2985

81.4926, 0.2941,
0.3230

56.8203, 0.2291,
0.2916

88.1705, 0.3095,
0.3280

53.4253, 0.2206,
0.2845

94.0859, 0.3203,
0.3326

■ 50.4594, 0.2140,
0.2774

■ 96.9818, 0.3199,
0.3371

■ 47.8739, 0.2095,
0.2704

■ 99.2522, 0.3197,
0.3405

■ 46.0381, 0.2069,
0.2649

Harmonies

Analogous

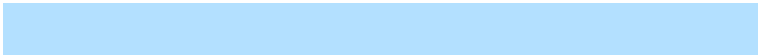
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9572, 0.2758, 0.3355



69.9572, 0.2647, 0.3115



69.9572, 0.2658, 0.2938

Triad

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



69.9572, 0.2647, 0.3115



69.9572, 0.3275, 0.3019



69.9572, 0.3466, 0.3739

Complementary

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



69.9572, 0.2647, 0.3115



54.4475, 0.3816, 0.3457

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.



69.9572, 0.3617, 0.3625



69.9572, 0.2647, 0.3115



69.9572, 0.3506, 0.3212

Square

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



69.9572, 0.2647, 0.3115



69.9572, 0.3011, 0.2892



69.9572, 0.3633, 0.3431



69.9572, 0.3227, 0.3729

Rectangle

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



69.9572, 0.2647, 0.3115



69.9572, 0.2732, 0.2874



69.9572, 0.3633, 0.3431



69.9572, 0.3529, 0.3713

Sweetspot

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



69.9600, 0.2647, 0.3115



92.3852, 0.2972, 0.3241



75.3853, 0.3004, 0.4062



19.5573, 0.2951, 0.3233



0.0000, 0.0000, 0.0000



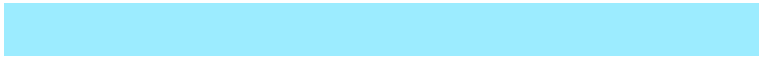
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9600, 0.2647, 0.3115



74.1400, 0.2552, 0.3071



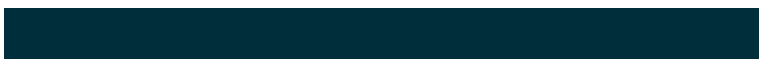
51.1897, 0.2590, 0.2648



18.1833, 0.2980, 0.3243



25.4537, 0.2072, 0.2660



2.3732, 0.2097, 0.2748

Inverse Universe

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



51.5860, 0.3288, 0.2632



50.9328, 0.3332, 0.2490



72.0892, 0.3687, 0.3857



16.7103, 0.3167, 0.3101



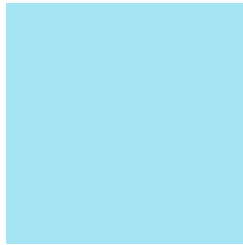
12.6689, 0.3766, 0.1848



1.1272, 0.3683, 0.1803

Previews

White Background



This preview shows how the Yxy color 69.9572, 0.2647, 0.3115 looks on a white background.

Color Contrast Check

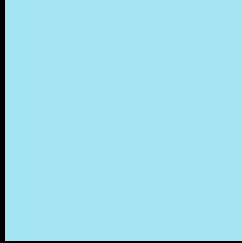
Large Text (above 18pt) WCAG AA × Fail

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 69.9572, 0.2647, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

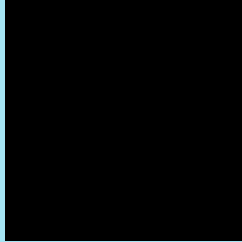
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9572, 0.2647, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 69.9572, 0.2647, 0.3115.

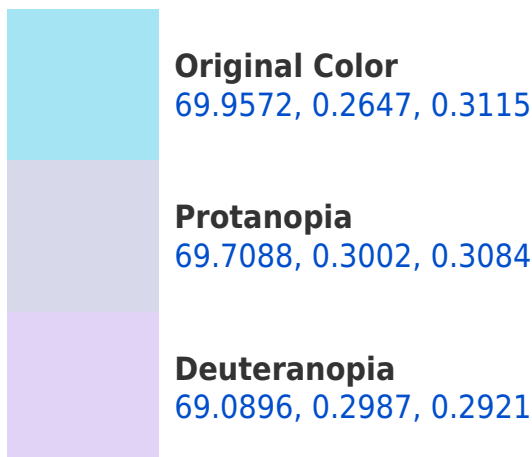


This preview shows how white text looks on a background with the Yxy color 69.9572, 0.2647, 0.3115.

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

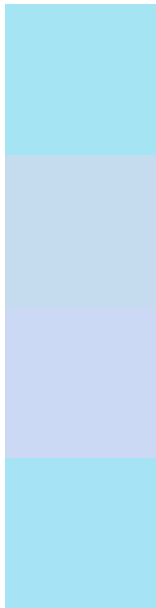




Tritanopia

70.2476, 0.2637, 0.3082

Trichromacy



Original Color

69.9572, 0.2647, 0.3115

Protanomaly

69.2298, 0.2857, 0.3088

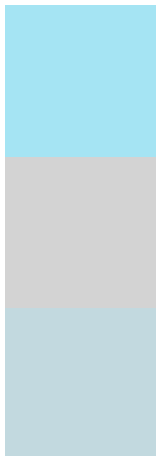
Deuteranomaly

68.9148, 0.2853, 0.2983

Tritanomaly

70.1864, 0.2642, 0.3093

Monochromacy



Original Color

69.9572, 0.2647, 0.3115

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.4228, 0.2927, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9572, 0.2647, 0.3115 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, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 228, 243)  
}
```

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, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 228, 243) }
```

Border

The CSS property to change the border of an element to Yxy 69.9572, 0.2647, 0.3115 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, 228, 243) }
```

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

```
.border{ border-color:rgb(165, 228, 243) }
```

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

Here you see how a box with a 4 pixel rgb(165, 228, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 228,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9572, 0.2647, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 228, 243) }
```

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

```
.background{ background-color: rgb(165,  
228, 243) }
```

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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