

Converting Colors

Yxy(69.4689, 0.2574, 0.3148)

Have a look what the booklet for
Yxy(69.4689, 0.2574, 0.3148)
contains.

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Color

Yxy(69.3940, 0.2572, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	95E6F2
RGB	149, 230, 242
RGB Percent	58%, 90%, 95%
CMY	0.4157, 0.0980, 0.0510
CMYK	0.38, 0.05, 0.00, 0.05
HSL	188°, 78%, 77%
HSV	188°, 38%, 95%
XYZ	56.7148, 69.3940, 94.3997
YIQ	207.1490, -52.1280, -13.4400

Conversions

Conversions Part 2

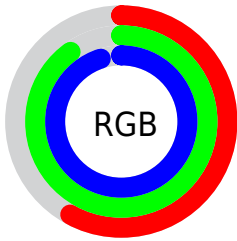
Format	Color
R_{YB}	149, 192, 242
Decimal	9823986
CIE _{Lab}	86.70, -21.72, -13.64
CIE _{LCh}	87, 25.652, 212.123
Yxy	69.3940, 0.2572, 0.3147
Android (android.graphics.Color)	4288014066 (0xFF95E6F2)
YUV	207.1490, 17.1815, -50.9967
Hunter-Lab	83.3031, -24.2532, -8.8757

Details

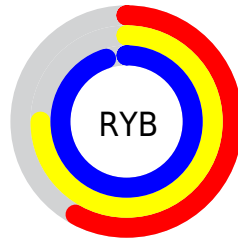
The Yxy color **69.3940, 0.2572, 0.3147** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.5243, 0.4033, 0.3425**, and the grayscale version is **62.4098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **36.1444, 0.2446, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **65.6326, 0.2454, 0.3104**, and if you desaturate by 10%, it is **73.6647, 0.2704, 0.3188**.

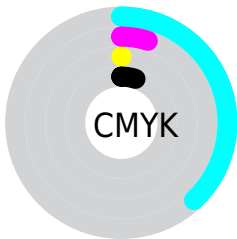
Distribution



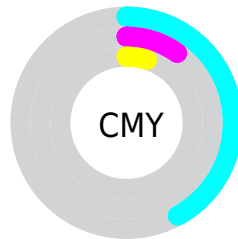
- Red (58%)
- Green (90%)
- Blue (95%)



- Red (58%)
- Yellow (75%)
- Blue (95%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)




- Cyan (42%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3940, 0.2572, 0.3147 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 69.3940, 0.2572, 0.3147 by changing the saturation by 10% instead.


 69.3940, 0.2572,
0.3147


 69.3940, 0.2572,
0.3147


458.4194, 0.2826,
0.3219

 51.0327, 0.2515,
0.3129


 118.3442, 0.2659,
0.3173

 36.2346, 0.2445,
0.3106


 149.7017, 0.2694,
0.3183

 24.6154, 0.2357,
0.3076

186.1602, 0.2723,
0.3191

 15.7908, 0.2244,
0.3035

228.1039, 0.2749,
0.3199

 9.3762, 0.2093,
0.2977

275.9173, 0.2772,
0.3205

 4.9874, 0.1882,
0.2886

329.9847, 0.2792,

 2.2399, 0.1571,

0.3210

0.2731

390.6906, 0.2810,
0.3215

0.7416, 0.0598,
0.2542

0.0000, 0.0000,
0.0000

69.3940, 0.2572,
0.3147

69.3940, 0.2572,
0.3147

65.6326, 0.2454,
0.3104

73.6647, 0.2704,
0.3188

62.3426, 0.2353,
0.3059

78.4637, 0.2846,
0.3227

59.4938, 0.2269,
0.3014

83.8187, 0.2997,
0.3262

57.0488, 0.2206,
0.2968

89.7533, 0.3152,
0.3295

■ 54.9631, 0.2162,
0.2922

■ 93.3358, 0.3210,
0.3325

■ 53.1737, 0.2134,
0.2877

■ 95.2442, 0.3207,
0.3355

■ 52.9061, 0.2131,
0.2870

■ 97.1845, 0.3205,
0.3385

■ 99.1570, 0.3203,
0.3415

■ 99.1901, 0.3203,
0.3415

Harmonies

Analogous

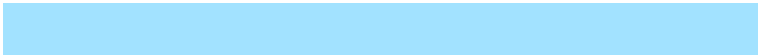
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3940, 0.2739, 0.3447



69.3940, 0.2572, 0.3147



69.3940, 0.2546, 0.2908

Triad

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



69.3940, 0.2572, 0.3147



69.3940, 0.3219, 0.2916



69.3940, 0.3597, 0.3809

Complementary

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



69.3940, 0.2572, 0.3147



46.5243, 0.4033, 0.3425

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.



69.3940, 0.3743, 0.3634



69.3940, 0.2572, 0.3147



69.3940, 0.3520, 0.3128

Square

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



69.3940, 0.2572, 0.3147



69.3940, 0.2907, 0.2792



69.3940, 0.3716, 0.3386



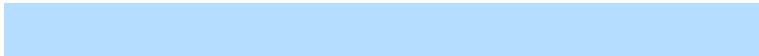
69.3940, 0.3327, 0.3845

Rectangle

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



69.3940, 0.2572, 0.3147



69.3940, 0.2610, 0.2812



69.3940, 0.3716, 0.3386



69.3940, 0.3663, 0.3763

Sweetspot

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



69.3967, 0.2572, 0.3147



92.1618, 0.2942, 0.3250



72.4187, 0.3015, 0.4326



19.5560, 0.2922, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

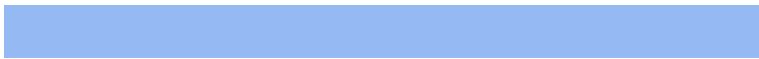
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3967, 0.2572, 0.3147



74.8522, 0.2480, 0.3114



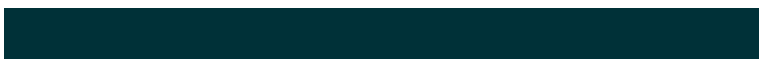
47.3459, 0.2486, 0.2576



17.5612, 0.2981, 0.3259



28.5672, 0.2133, 0.2878



2.4725, 0.2149, 0.2937

Inverse Universe

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



46.0805, 0.3275, 0.2448



45.6356, 0.3311, 0.2290



65.3510, 0.3839, 0.3908



15.9943, 0.3158, 0.3087



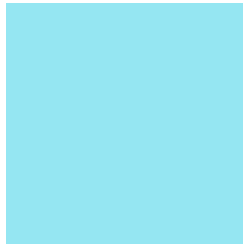
12.6772, 0.3563, 0.1737



1.0643, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 69.3940, 0.2572, 0.3147 looks on a white background.

Color Contrast Check

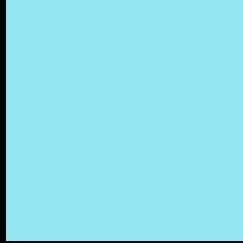
Large Text (above 18pt) WCAG AA × Fail

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 69.3940, 0.2572, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

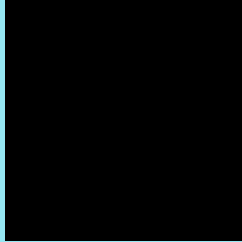
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3940, 0.2572, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 69.3940, 0.2572, 0.3147.

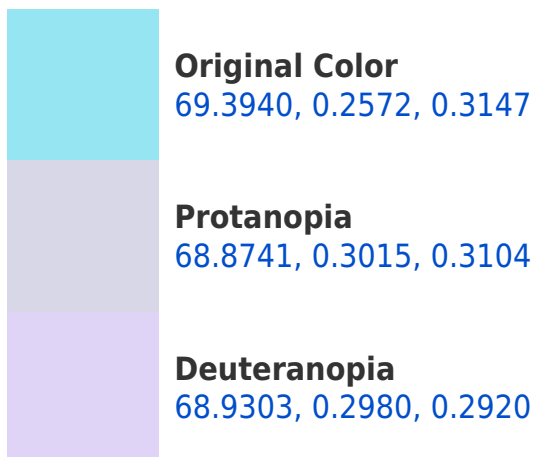


This preview shows how white text looks on a background with the Yxy color 69.3940, 0.2572, 0.3147.

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

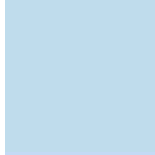
69.3000, 0.2546, 0.3066

Trichromacy



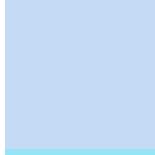
Original Color

69.3940, 0.2572, 0.3147



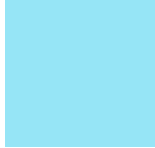
Protanomaly

68.3189, 0.2831, 0.3108



Deuteranomaly

68.4711, 0.2809, 0.2990



Tritanomaly

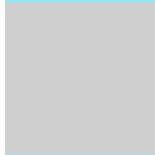
69.1765, 0.2556, 0.3089

Monochromacy



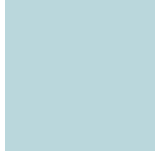
Original Color

69.3940, 0.2572, 0.3147



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.2073, 0.2891, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3940, 0.2572, 0.3147 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, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(149, 230, 242)  
}
```

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, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 230, 242) }
```

Border

The CSS property to change the border of an element to Yxy 69.3940, 0.2572, 0.3147 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, 230, 242) }
```

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

```
.border{ border-color:rgb(149, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(149, 230,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3940, 0.2572, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 230, 242) }
```

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

```
.background{ background-color: rgb(149,  
230, 242) }
```

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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