

Converting Colors

$Yxy(69.2234, 0.2677, 0.3099)$

Have a look what the booklet for
Yxy(69.2234, 0.2677, 0.3099)
contains.

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Color

Yxy(69.3496, 0.2677, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	AAE2F2
RGB	170, 226, 242
RGB Percent	67%, 89%, 95%
CMY	0.3332, 0.1137, 0.0509
CMYK	0.30, 0.07, 0.00, 0.05
HSL	193°, 74%, 81%
HSV	193°, 30%, 95%
XYZ	59.8096, 69.3496, 94.2609
YIQ	211.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

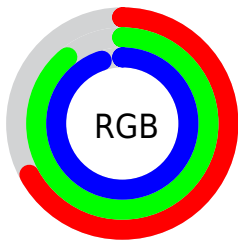
Format	Color
R _Y B	170, 202, 242
Decimal	11199218
CIE Lab	86.68, -14.11, -13.58
CIE LCh	87, 19.586, 223.915
Yxy	69.3496, 0.2677, 0.3104
Android (android.graphics.Color)	4289389298 (0xFFAAE2F2)
YUV	211.0800, 15.2436, -36.0272
Hunter-Lab	83.2764, -17.5341, -8.8171

Details

The Yxy color **69.3496, 0.2677, 0.3104** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9341, 0.3743, 0.3468**, and the grayscale version is **65.1202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **36.3158, 0.2570, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **64.0121, 0.2539, 0.3031**, and if you desaturate by 10%, it is **75.2814, 0.2824, 0.3172**.

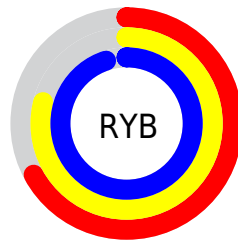
Distribution



Red (67%)

Green (89%)

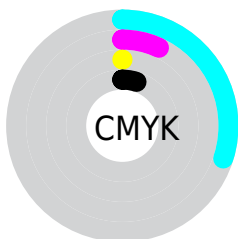
Blue (95%)



Red (67%)

Yellow (79%)

Blue (95%)

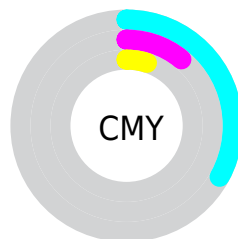


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3496, 0.2677, 0.3104 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 69.3496, 0.2677, 0.3104 by changing the saturation by 10% instead.

69.3496, 0.2677,
0.3104

69.3496, 0.2677,
0.3104

458.2630, 0.2884,
0.3194

50.9965, 0.2630,
0.3083

118.2808, 0.2748,
0.3136

36.2058, 0.2573,
0.3056

149.6276, 0.2776,
0.3148

24.5932, 0.2500,
0.3021

186.0745, 0.2800,
0.3159

15.7742, 0.2407,
0.2974

228.0058, 0.2821,
0.3168

9.3645, 0.2280,
0.2909

275.8059, 0.2840,
0.3176

4.9797, 0.2103,
0.2810

329.8592, 0.2856,

2.2354, 0.1835,

0.3182

0.2650

390.5501, 0.2871,
0.3189

0.7392, 0.1160,
0.2394

0.0000, 0.0000,
0.0000

69.3496, 0.2677,
0.3104

69.3496, 0.2677,
0.3104

64.0121, 0.2539,
0.3031

75.2814, 0.2824,
0.3172

59.2325, 0.2412,
0.2954

81.8252, 0.2976,
0.3235

54.9827, 0.2300,
0.2874

89.0081, 0.3131,
0.3291

51.2287, 0.2207,
0.2792

94.5362, 0.3208,
0.3344

■ 47.9313, 0.2132,
0.2709

■ 97.8912, 0.3204,
0.3395

■ 45.0445, 0.2078,
0.2626

■ 99.1927, 0.3203,
0.3415

■ 42.4934, 0.2041,
0.2544

■ 42.4310, 0.2040,
0.2542

Harmonies

Analogous

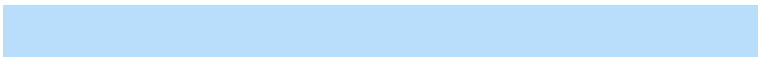
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3496, 0.2767, 0.3321



69.3496, 0.2677, 0.3104



69.3496, 0.2702, 0.2950

Triad

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



69.3496, 0.2677, 0.3104



69.3496, 0.3294, 0.3059



69.3496, 0.3416, 0.3711

Complementary

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



69.3496, 0.2677, 0.3104



56.9341, 0.3743, 0.3468

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.



69.3496, 0.3568, 0.3619



69.3496, 0.2677, 0.3104



69.3496, 0.3498, 0.3244

Square

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



69.3496, 0.2677, 0.3104



69.3496, 0.3051, 0.2932



69.3496, 0.3600, 0.3447



69.3496, 0.3189, 0.3684

Rectangle

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



69.3496, 0.2677, 0.3104



69.3496, 0.2780, 0.2899



69.3496, 0.3600, 0.3447



69.3496, 0.3478, 0.3692

Sweetspot

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



69.3524, 0.2677, 0.3104



92.6859, 0.2988, 0.3239



75.6021, 0.2999, 0.3966



19.5974, 0.2965, 0.3230



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.



69.3524, 0.2677, 0.3104



74.1885, 0.2588, 0.3058



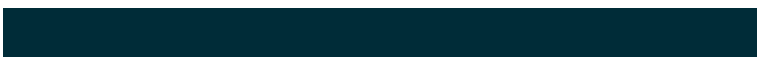
51.9777, 0.2629, 0.2673



17.2968, 0.2981, 0.3236



23.0005, 0.2043, 0.2556



2.0585, 0.2073, 0.2664

Inverse Universe

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



53.1360, 0.3292, 0.2702



53.4978, 0.3336, 0.2575



73.8335, 0.3634, 0.3838



15.9676, 0.3172, 0.3108



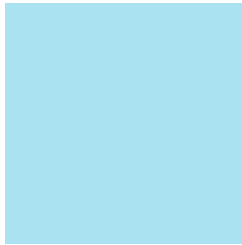
12.1153, 0.3867, 0.1904



1.0225, 0.3763, 0.1846

Previews

White Background



This preview shows how the Yxy color 69.3496, 0.2677, 0.3104 looks on a white background.

Color Contrast Check

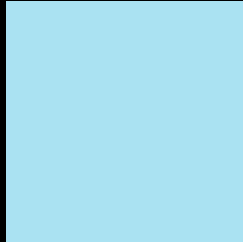
Large Text (above 18pt) WCAG AA × Fail

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 69.3496, 0.2677, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

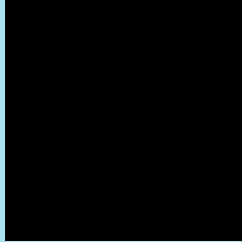
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3496, 0.2677, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 69.3496, 0.2677, 0.3104.

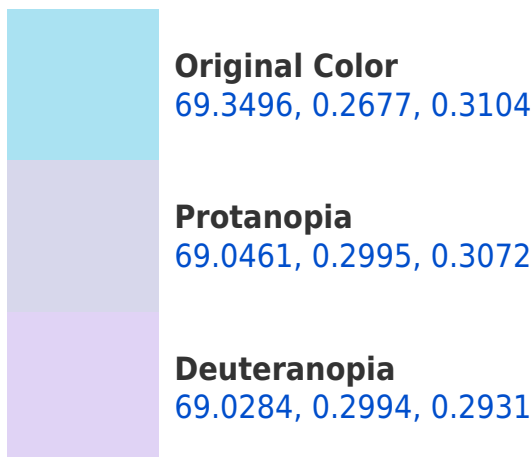


This preview shows how white text looks on a background with the Yxy color 69.3496, 0.2677, 0.3104.

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

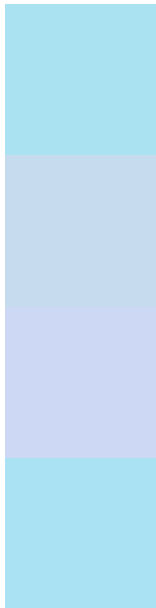




Tritanopia

69.4704, 0.2666, 0.3082

Trichromacy



Original Color

69.3496, 0.2677, 0.3104

Protanomaly

68.9782, 0.2870, 0.3078

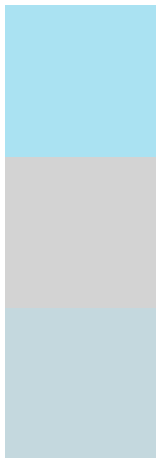
Deuteranomaly

68.4808, 0.2865, 0.2983

Tritanomaly

69.4098, 0.2672, 0.3093

Monochromacy



Original Color

69.3496, 0.2677, 0.3104

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.1214, 0.2947, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3496, 0.2677, 0.3104 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(170, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 226, 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(170, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 226, 242) }
```

Border

The CSS property to change the border of an element to Yxy 69.3496, 0.2677, 0.3104 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(170, 226, 242) }
```

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

```
.border{ border-color:rgb(170, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 226, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 226, 242); box-shadow:4px 4px 4px 4px rgb(170, 226, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3496, 0.2677, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 226, 242) }
```

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

```
.background{ background-color: rgb(170,  
226, 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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