

Converting Colors

$Yxy(69.1422, 0.2734, 0.3376)$

Have a look what the booklet for
Yxy(69.1422, 0.2734, 0.3376)
contains.

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Color

Yxy(69.4446, 0.2738, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	A1E6DE
RGB	161, 230, 222
RGB Percent	63%, 90%, 87%
CMY	0.3688, 0.0980, 0.1295
CMYK	0.30, 0.00, 0.03, 0.10
HSL	173°, 58%, 77%
HSV	173°, 30%, 90%
XYZ	56.1711, 69.4446, 79.5382
YIQ	208.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

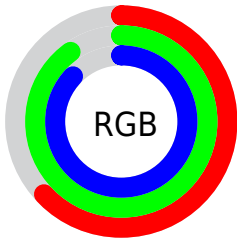
Format	Color
RYB	161, 198, 230
Decimal	10610398
CIELab	86.72, -23.18, -3.01
CIELCh	87, 23.377, 187.405
Yxy	69.4446, 0.2738, 0.3385
Android (android.graphics.Color)	4288800478 (0xFFA1E6DE)
YUV	208.4570, 6.6767, -41.6198
Hunter-Lab	83.3334, -25.5150, 1.7436

Details

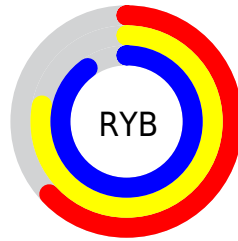
The Yxy color **69.4446, 0.2738, 0.3385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1651, 0.3721, 0.3199**, and the grayscale version is **63.3586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **36.1879, 0.2647, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **67.1319, 0.2630, 0.3422**, and if you desaturate by 10%, it is **72.2046, 0.2859, 0.3351**.

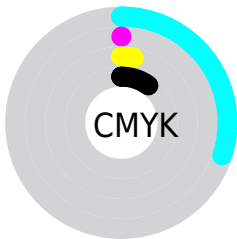
Distribution



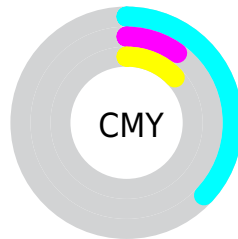
- Red (63%)
- Green (90%)
- Blue (87%)



- Red (63%)
- Yellow (78%)
- Blue (90%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)





- Cyan (37%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4446, 0.2738, 0.3385 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 69.4446, 0.2738, 0.3385 by changing the saturation by 10% instead.

 69.4446, 0.2738,
0.3385


 69.4446, 0.2738,
0.3385

458.5975, 0.2918,
0.3342

 51.0739, 0.2697,
0.3394


 118.4164, 0.2801,
0.3371

 36.2674, 0.2646,
0.3406


 149.7862, 0.2825,
0.3365

 24.6408, 0.2581,
0.3420


186.2579, 0.2846,
0.3360

 15.8096, 0.2497,
0.3438

228.2158, 0.2864,
0.3355

 9.3895, 0.2382,
0.3461

276.0443, 0.2880,
0.3352

 4.9961, 0.2217,
0.3493

330.1278, 0.2894,

 2.2450, 0.1962,

0.3348

390.8507, 0.2907,
0.3345

0.3537

0.7444, 0.0742,
0.3901

0.0000, 0.0000,
0.0000

69.4446, 0.2738,
0.3385

69.4446, 0.2738,
0.3385

67.1319, 0.2630,
0.3422

72.2046, 0.2859,
0.3351

65.2341, 0.2537,
0.3460

75.4260, 0.2989,
0.3319

63.7274, 0.2463,
0.3500

79.1321, 0.3127,
0.3290

62.5824, 0.2407,
0.3540

83.3427, 0.3268,
0.3264

■ 61.7653, 0.2370,
0.3581

■ 83.8804, 0.3265,
0.3238

■ 61.2361, 0.2353,
0.3621

■ 84.0365, 0.3248,
0.3212

■ 60.9259, 0.2350,
0.3661

■ 84.1949, 0.3230,
0.3185

■ 84.3557, 0.3213,
0.3159

■ 84.5189, 0.3195,
0.3134

Harmonies

Analogous

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



69.4446, 0.2976, 0.3637



69.4446, 0.2738, 0.3385



69.4446, 0.2605, 0.3117

Triad

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



69.4446, 0.2738, 0.3385



69.4446, 0.2974, 0.2846



69.4446, 0.3675, 0.3641

Complementary

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



69.4446, 0.2738, 0.3385



45.1651, 0.3721, 0.3199

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.



69.4446, 0.3679, 0.3422



69.4446, 0.2738, 0.3385



69.4446, 0.3264, 0.2977

Square

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



69.4446, 0.2738, 0.3385



69.4446, 0.2736, 0.2821



69.4446, 0.3526, 0.3183



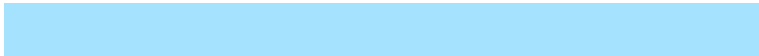
69.4446, 0.3519, 0.3779

Rectangle

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



69.4446, 0.2738, 0.3385



69.4446, 0.2590, 0.2971



69.4446, 0.3526, 0.3183



69.4446, 0.3695, 0.3573

Sweetspot

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



69.4474, 0.2738, 0.3385



95.7335, 0.3002, 0.3316



67.6101, 0.3139, 0.4154



20.3535, 0.2983, 0.3321



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.



69.4474, 0.2738, 0.3385



85.8790, 0.2670, 0.3407



56.2557, 0.2659, 0.2964



16.3060, 0.2997, 0.3317



34.4999, 0.2349, 0.3655



2.5576, 0.2332, 0.3596

Inverse Universe

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



45.1651, 0.3721, 0.3199



50.5766, 0.3898, 0.3180



55.1207, 0.3711, 0.3594



14.3951, 0.3274, 0.3263



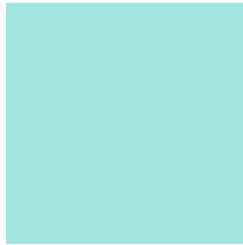
9.5775, 0.6255, 0.3219



0.7168, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 69.4446, 0.2738, 0.3385 looks on a white background.

Color Contrast Check

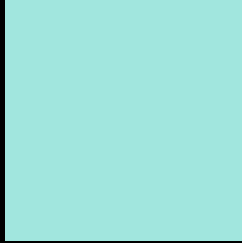
Large Text (above 18pt) WCAG AA × Fail

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 69.4446, 0.2738, 0.3385 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

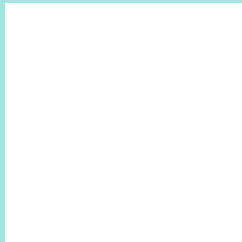
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4446, 0.2738, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 69.4446, 0.2738, 0.3385.

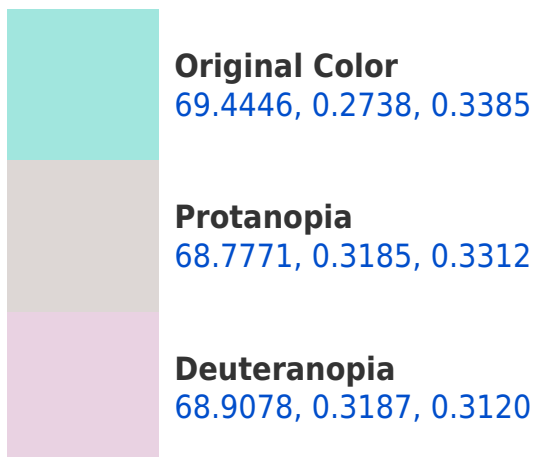


This preview shows how white text looks on a background with the Yxy color 69.4446, 0.2738, 0.3385.

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

69.6377, 0.2641, 0.3081

Trichromacy



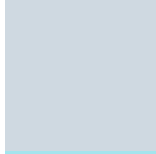
Original Color

69.4446, 0.2738, 0.3385



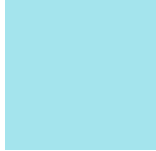
Protanomaly

68.2864, 0.3006, 0.3335



Deuteranomaly

68.3273, 0.3004, 0.3200



Tritanomaly

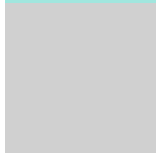
69.4937, 0.2673, 0.3184

Monochromacy



Original Color

69.4446, 0.2738, 0.3385



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.9922, 0.2970, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4446, 0.2738, 0.3385 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(161, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 222)  
}
```

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(161, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.4446, 0.2738, 0.3385 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(161, 230, 222) }
```

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

```
.border{ border-color:rgb(161, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4446, 0.2738, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 222) }
```

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

```
.background{ background-color: rgb(161,  
230, 222) }
```

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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