

Converting Colors

$Yxy(65.9555, 0.2689, 0.3438)$

Have a look what the booklet for
Yxy(65.9555, 0.2689, 0.3438)
contains.

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Color

Yxy(65.9555, 0.2689, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	92E3D7
RGB	146, 227, 215
RGB Percent	57%, 89%, 84%
CMY	0.4275, 0.1098, 0.1569
CMYK	0.36, 0.00, 0.05, 0.11
HSL	171°, 59%, 73%
HSV	171°, 36%, 89%
XYZ	51.5865, 65.9555, 74.3007
YIQ	201.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

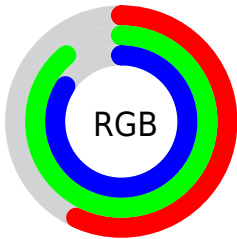
Format	Color
RYB	146, 190, 227
Decimal	9626583
CIELab	84.97, -27.38, -1.99
CIELCh	85, 27.452, 184.150
Yxy	65.9555, 0.2689, 0.3438
Android (android.graphics.Color)	4287816663 (0xFF92E3D7)
YUV	201.4130, 6.6984, -48.5972
Hunter-Lab	81.2130, -28.7395, 2.6055

Details

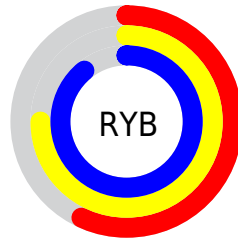
The Yxy color **65.9555, 0.2689, 0.3438** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.3539, 0.3854, 0.3151**, and the grayscale version is **58.6559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **33.8880, 0.2585, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **63.9093, 0.2592, 0.3486**, and if you desaturate by 10%, it is **68.4236, 0.2800, 0.3392**.

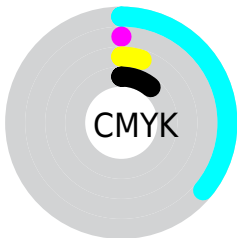
Distribution



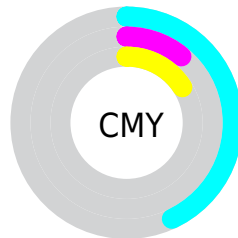
- Red (57%)
- Green (89%)
- Blue (84%)



- Red (57%)
- Yellow (75%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (43%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9555, 0.2689, 0.3438 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 65.9555, 0.2689, 0.3438 by changing the saturation by 10% instead.


 65.9555, 0.2689,
0.3438


 65.9555, 0.2689,
0.3438


446.2177, 0.2894,
0.3370

 48.2363, 0.2642,
0.3453


 113.4225, 0.2761,
0.3414

 34.0140, 0.2583,
0.3472

 143.9390, 0.2788,
0.3405

 22.9044, 0.2508,
0.3496


179.4901, 0.2812,
0.3397

 14.5229, 0.2410,
0.3527

220.4601, 0.2833,
0.3390

 8.4853, 0.2276,
0.3569

267.2335, 0.2851,
0.3384

 4.4070, 0.2080,
0.3628

320.1946, 0.2867,

 1.9037, 0.1773,

0.3379

0.3714

379.7279, 0.2881,
0.3374

0.5506, 0.0000,
0.4272

0.0000, 0.0000,
0.0000

65.9555, 0.2689,
0.3438

65.9555, 0.2689,
0.3438

63.9093, 0.2592,
0.3486

68.4236, 0.2800,
0.3392

62.2524, 0.2512,
0.3537

71.3282, 0.2921,
0.3350

60.9602, 0.2450,
0.3589


74.6929, 0.3051,
0.3311


60.0022, 0.2407,
0.3642


78.5372, 0.3186,
0.3275


 59.3425, 0.2384,
0.3695

 82.0182, 0.3292,
0.3243


 58.9370, 0.2379,
0.3747

 82.2110, 0.3269,
0.3210

 58.8087, 0.2381,
0.3770

 82.4075, 0.3247,
0.3177

 82.6078, 0.3225,
0.3144

 82.8117, 0.3203,
0.3111

Harmonies

Analogous

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



65.9555, 0.2980, 0.3736



65.9555, 0.2689, 0.3438



65.9555, 0.2518, 0.3112

Triad

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



65.9555, 0.2689, 0.3438



65.9555, 0.2908, 0.2756



65.9555, 0.3792, 0.3678

Complementary

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



65.9555, 0.2689, 0.3438



39.3539, 0.3854, 0.3151

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.



65.9555, 0.3777, 0.3411



65.9555, 0.2689, 0.3438



65.9555, 0.3250, 0.2898

Square

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



65.9555, 0.2689, 0.3438



65.9555, 0.2639, 0.2739



65.9555, 0.3574, 0.3132



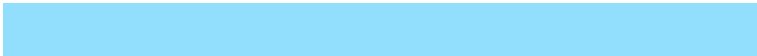
65.9555, 0.3621, 0.3862

Rectangle

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



65.9555, 0.2689, 0.3438



65.9555, 0.2489, 0.2932



65.9555, 0.3574, 0.3132



65.9555, 0.3809, 0.3594

Sweetspot

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



65.9581, 0.2689, 0.3438



94.7979, 0.2980, 0.3331



64.3003, 0.3157, 0.4338



20.1646, 0.2963, 0.3337



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.



65.9581, 0.2689, 0.3438



83.7888, 0.2614, 0.3475



52.3420, 0.2577, 0.2928



16.2977, 0.3001, 0.3325



34.3087, 0.2378, 0.3762



2.5453, 0.2357, 0.3685

Inverse Universe

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



39.3539, 0.3854, 0.3151



44.2124, 0.4089, 0.3122



48.8119, 0.3864, 0.3622



14.4026, 0.3269, 0.3255



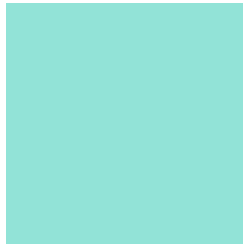
9.6009, 0.6193, 0.3185



0.7204, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 65.9555, 0.2689, 0.3438 looks on a white background.

Color Contrast Check

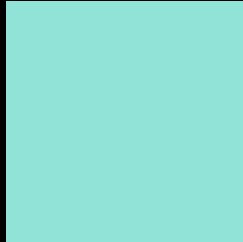
Large Text (above 18pt) WCAG AA × Fail

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 65.9555, 0.2689, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

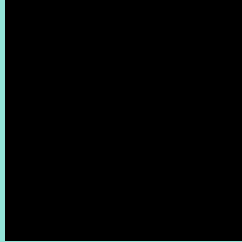
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

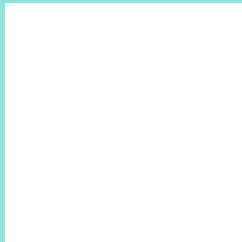
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9555, 0.2689, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 65.9555, 0.2689, 0.3438.

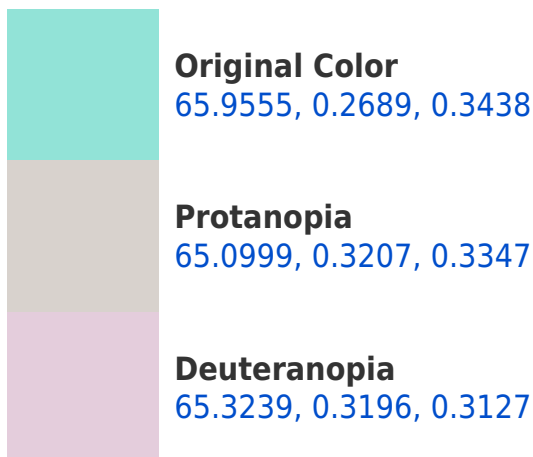


This preview shows how white text looks on a background with the Yxy color 65.9555, 0.2689, 0.3438.

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

65.8016, 0.2580, 0.3074

Trichromacy



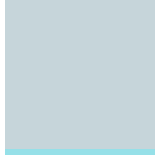
Original Color

65.9555, 0.2689, 0.3438



Protanomaly

64.7915, 0.2995, 0.3372



Deuteranomaly

64.6562, 0.2986, 0.3232



Tritanomaly

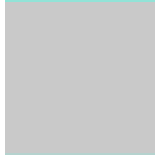
65.6215, 0.2617, 0.3192

Monochromacy



Original Color

65.9555, 0.2689, 0.3438



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.3732, 0.2944, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9555, 0.2689, 0.3438 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(146, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(146, 227, 215)  
}
```

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(146, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 227, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.9555, 0.2689, 0.3438 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(146, 227, 215) }
```

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

```
.border{ border-color:rgb(146, 227, 215) }
```

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

Here you see how a box with a 4 pixel rgb(146, 227, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(146, 227,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9555, 0.2689, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 227, 215) }
```

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

```
.background{ background-color: rgb(146,  
227, 215) }
```

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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