

Converting Colors

$Yxy(65.4188, 0.2730, 0.3330)$

Have a look what the booklet for
Yxy(65.4188, 0.2730, 0.3330)
contains.

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Color

Yxy(65.3136, 0.2729, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	9FDFDC
RGB	159, 223, 220
RGB Percent	62%, 87%, 86%
CMY	0.3765, 0.1255, 0.1371
CMYK	0.29, 0.00, 0.01, 0.13
HSL	177°, 50%, 75%
HSV	177°, 29%, 87%
XYZ	53.6063, 65.3136, 77.5120
YIQ	203.5220, -37.1810, -14.5010

Conversions

Conversions Part 2

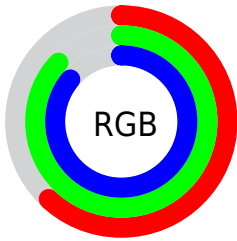
Format	Color
RYB	159, 192, 223
Decimal	10477532
CIELab	84.65, -20.71, -5.05
CIELCh	85, 21.316, 193.716
Yxy	65.3136, 0.2729, 0.3325
Android (android.graphics.Color)	4288667612 (0xFF9FDFDC)
YUV	203.5220, 8.1237, -39.0458
Hunter-Lab	80.8168, -23.0294, -0.2937

Details

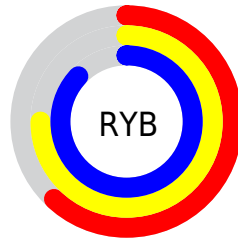
The Yxy color **65.3136, 0.2729, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0911, 0.3729, 0.3256**, and the grayscale version is **60.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **33.7251, 0.2634, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **63.1837, 0.2613, 0.3339**, and if you desaturate by 10%, it is **67.8604, 0.2859, 0.3312**.

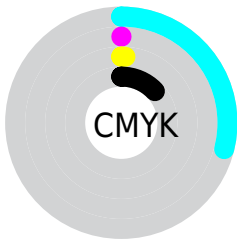
Distribution



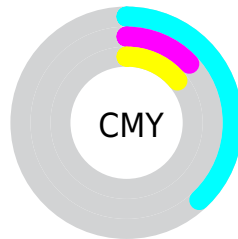
- Red (62%)
- Green (87%)
- Blue (86%)



- Red (62%)
- Yellow (75%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (38%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3136, 0.2729, 0.3325 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 65.3136, 0.2729, 0.3325 by changing the saturation by 10% instead.


 65.3136, 0.2729,
0.3325

 65.3136, 0.2729,
0.3325


443.9181, 0.2915,
0.3311

 47.7154, 0.2686,
0.3328


 112.5006, 0.2794,
0.3321

 33.6016, 0.2633,
0.3331


 142.8582, 0.2819,
0.3319

 22.5877, 0.2565,
0.3334


178.2377, 0.2841,
0.3317

 14.2894, 0.2476,
0.3337

219.0236, 0.2859,
0.3316

 8.3222, 0.2354,
0.3340

265.6001, 0.2876,
0.3314

 4.3018, 0.2177,
0.3341

318.3518, 0.2890,

 1.8438, 0.1898,

0.3313

377.6630, 0.2903,
0.3312

0.3331

0.5142, 0.0000,
0.3602

0.0000, 0.0000,
0.0000

65.3136, 0.2729,
0.3325

65.3136, 0.2729,
0.3325

63.1837, 0.2613,
0.3339

67.8604, 0.2859,
0.3312

61.4406, 0.2512,
0.3354


70.8366, 0.2999,
0.3300


60.0628, 0.2430,
0.3369


74.2640, 0.3147,
0.3289


59.0234, 0.2367,
0.3384

78.1605, 0.3299,
0.3279

 58.2917, 0.2323,
0.3400


 79.4843, 0.3341,
0.3269


 57.8316, 0.2298,
0.3415


 79.5410, 0.3334,
0.3258

 57.5885, 0.2288,
0.3430

 79.5981, 0.3327,
0.3248

 57.5630, 0.2287,
0.3432

 79.6555, 0.3320,
0.3238

 79.7133, 0.3313,
0.3227

Harmonies

Analogous

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



65.3136, 0.2934, 0.3568



65.3136, 0.2729, 0.3325



65.3136, 0.2629, 0.3083

Triad

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



65.3136, 0.2729, 0.3325



65.3136, 0.3040, 0.2894



65.3136, 0.3617, 0.3653

Complementary

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



65.3136, 0.2729, 0.3325



43.0911, 0.3729, 0.3256

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.



65.3136, 0.3652, 0.3460



65.3136, 0.2729, 0.3325



65.3136, 0.3311, 0.3033

Square

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



65.3136, 0.2729, 0.3325



65.3136, 0.2803, 0.2848



65.3136, 0.3538, 0.3237



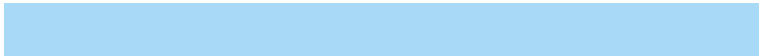
65.3136, 0.3448, 0.3758

Rectangle

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



65.3136, 0.2729, 0.3325



65.3136, 0.2633, 0.2959



65.3136, 0.3538, 0.3237



65.3136, 0.3646, 0.3596

Sweetspot

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



65.3162, 0.2729, 0.3325



95.8357, 0.2994, 0.3300



62.9818, 0.3110, 0.4116



20.3789, 0.2973, 0.3302



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.



65.3162, 0.2729, 0.3325



86.8413, 0.2663, 0.3333



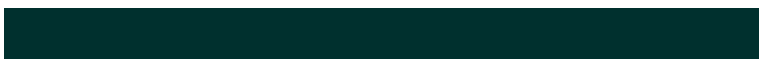
51.3711, 0.2674, 0.2926



15.5608, 0.2988, 0.3301



33.8501, 0.2286, 0.3430



2.3497, 0.2280, 0.3406

Inverse Universe

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



43.0911, 0.3729, 0.3256



52.3672, 0.3896, 0.3250



54.0722, 0.3665, 0.3628



13.7108, 0.3285, 0.3280



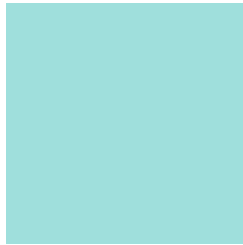
9.2422, 0.6349, 0.3271



0.6443, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 65.3136, 0.2729, 0.3325 looks on a white background.

Color Contrast Check

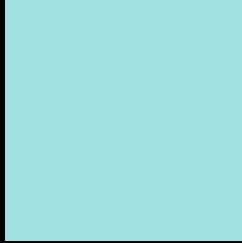
Large Text (above 18pt) WCAG AA × Fail

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 65.3136, 0.2729, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

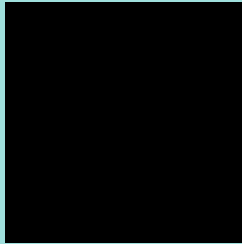
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

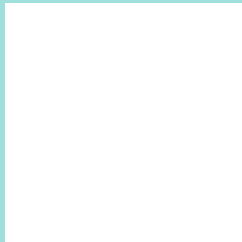
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3136, 0.2729, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.3136, 0.2729, 0.3325.

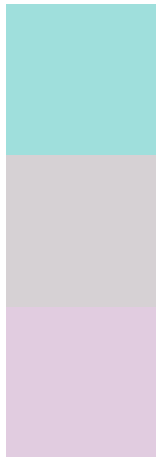


This preview shows how white text looks on a background with the Yxy color 65.3136, 0.2729, 0.3325.

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



Original Color

65.3136, 0.2729, 0.3325

Protanopia

64.6505, 0.3144, 0.3256

Deuteranopia

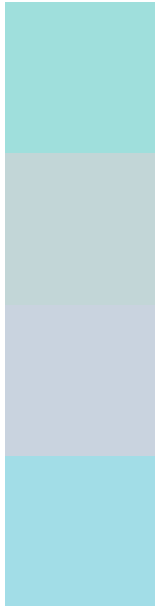
64.5751, 0.3145, 0.3072



Tritanopia

65.1460, 0.2650, 0.3076

Trichromacy



Original Color

65.3136, 0.2729, 0.3325

Protanomaly

64.4688, 0.2978, 0.3278

Deuteranomaly

64.3338, 0.2975, 0.3153

Tritanomaly

65.1638, 0.2684, 0.3169

Monochromacy



Original Color

65.3136, 0.2729, 0.3325

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.9330, 0.2967, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3136, 0.2729, 0.3325 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(159, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(159, 223, 220)  
}
```

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(159, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.3136, 0.2729, 0.3325 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(159, 223, 220) }
```

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

```
.border{ border-color:rgb(159, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 223, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 223, 220); box-shadow:4px 4px 4px 4px rgb(159, 223, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3136, 0.2729, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 223, 220) }
```

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

```
.background{ background-color: rgb(159,  
223, 220) }
```

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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