

Converting Colors

$Yxy(73.3569, 0.2681, 0.3342)$

Have a look what the booklet for
Yxy(73.3569, 0.2681, 0.3342)
contains.

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Color

Yxy(73.0862, 0.2677, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	9EECE8
RGB	158, 236, 232
RGB Percent	62%, 93%, 91%
CMY	0.3807, 0.0744, 0.0902
CMYK	0.33, 0.00, 0.02, 0.07
HSL	177°, 67%, 77%
HSV	177°, 33%, 93%
XYZ	58.6486, 73.0862, 87.3485
YIQ	212.2220, -45.2040, -17.7800

Conversions

Conversions Part 2

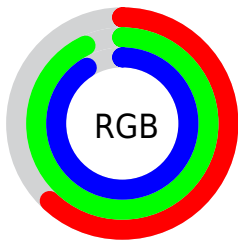
Format	Color
R _Y B	158, 198, 236
Decimal	10415336
CIE Lab	88.49, -24.71, -5.68
CIE LCh	88, 25.354, 192.951
Yxy	73.0862, 0.2677, 0.3336
Android (android.graphics.Color)	4288605416 (0xFF9EECE8)
YUV	212.2220, 9.7506, -47.5527
Hunter-Lab	85.4905, -27.1528, -0.7353

Details

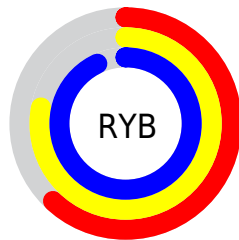
The Yxy color **73.0862, 0.2677, 0.3336** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.8722, 0.3858, 0.3246**, and the grayscale version is **65.9410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **38.6607, 0.2579, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **70.8535, 0.2568, 0.3352**, and if you desaturate by 10%, it is **75.7848, 0.2801, 0.3321**.

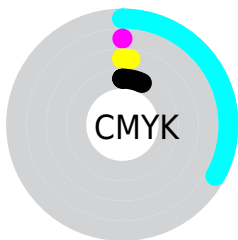
Distribution



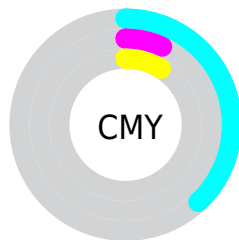
- Red (62%)
- Green (93%)
- Blue (91%)



- Red (62%)
- Yellow (78%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)





- Cyan (38%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0862, 0.2677, 0.3336 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 73.0862, 0.2677, 0.3336 by changing the saturation by 10% instead.


 73.0862, 0.2677,
0.3336

 73.0862, 0.2677,
0.3336


471.3135, 0.2883,
0.3318

 54.0464, 0.2631,
0.3339


 123.5996, 0.2748,
0.3330

 38.6388, 0.2574,
0.3343

 155.8420, 0.2776,
0.3328

 26.4789, 0.2502,
0.3347


193.2541, 0.2800,
0.3326

 17.1822, 0.2410,
0.3352

236.2202, 0.2820,
0.3324

 10.3645, 0.2285,
0.3356

285.1249, 0.2839,
0.3322

 5.6413, 0.2110,
0.3358

340.3524, 0.2855,

 2.6282, 0.1847,

0.3321

402.2871, 0.2870,
0.3319

0.3353

0.9409, 0.1063,
0.3450

0.0000, 0.0000,
0.0000

73.0862, 0.2677,
0.3336

73.0862, 0.2677,
0.3336

70.8535, 0.2568,
0.3352

75.7848, 0.2801,
0.3321

69.0514, 0.2475,
0.3369


78.9647, 0.2937,
0.3307


67.6539, 0.2402,
0.3386

82.6515, 0.3081,
0.3294


66.6281, 0.2348,
0.3403

86.8663, 0.3232,
0.3282

 65.9365, 0.2313,
0.3420

 87.4398, 0.3242,
0.3270

 65.5334, 0.2296,
0.3437

 87.5117, 0.3234,
0.3258

 65.3746, 0.2292,
0.3449

 87.5841, 0.3226,
0.3246

 87.6570, 0.3219,
0.3235

 87.7304, 0.3211,
0.3223

Harmonies

Analogous

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



73.0862, 0.2912, 0.3617



73.0862, 0.2677, 0.3336



73.0862, 0.2561, 0.3057

Triad

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



73.0862, 0.2677, 0.3336



73.0862, 0.3018, 0.2837



73.0862, 0.3692, 0.3698

Complementary

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



73.0862, 0.2677, 0.3336



44.8722, 0.3858, 0.3246

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.



73.0862, 0.3728, 0.3475



73.0862, 0.2677, 0.3336



73.0862, 0.3329, 0.2993

Square

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



73.0862, 0.2677, 0.3336



73.0862, 0.2751, 0.2787



73.0862, 0.3593, 0.3221



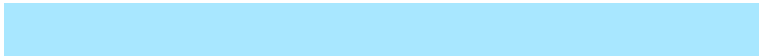
73.0862, 0.3500, 0.3825

Rectangle

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



73.0862, 0.2677, 0.3336



73.0862, 0.2563, 0.2915



73.0862, 0.3593, 0.3221



73.0862, 0.3723, 0.3631

Sweetspot

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



73.0891, 0.2677, 0.3336



95.3959, 0.2980, 0.3303



70.2687, 0.3114, 0.4265



20.2909, 0.2960, 0.3305



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.



73.0891, 0.2677, 0.3336



85.1777, 0.2598, 0.3347



55.6442, 0.2604, 0.2876



17.1077, 0.2988, 0.3302



36.0351, 0.2291, 0.3446



2.8338, 0.2284, 0.3423

Inverse Universe

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



44.8722, 0.3858, 0.3246



46.5203, 0.4094, 0.3237



57.8993, 0.3774, 0.3669



15.0667, 0.3285, 0.3278



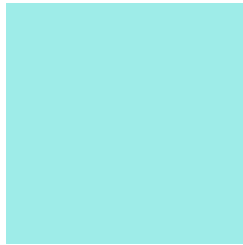
9.8503, 0.6345, 0.3269



0.7779, 0.6198, 0.3188

Previews

White Background



This preview shows how the Yxy color 73.0862, 0.2677, 0.3336 looks on a white background.

Color Contrast Check

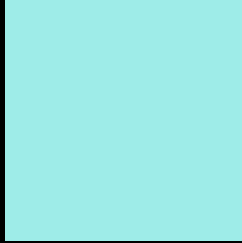
Large Text (above 18pt) WCAG AA × Fail

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 73.0862, 0.2677, 0.3336 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 73.0862, 0.2677, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 73.0862, 0.2677, 0.3336.

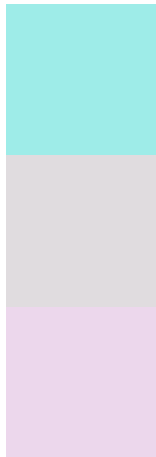


This preview shows how white text looks on a background with the Yxy color 73.0862, 0.2677, 0.3336.

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

73.0862, 0.2677, 0.3336

Protanopia

72.3614, 0.3136, 0.3258

Deuteranopia

72.4899, 0.3137, 0.3072



Tritanopia

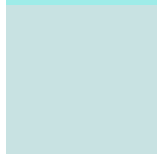
73.0926, 0.2599, 0.3073

Trichromacy



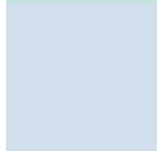
Original Color

73.0862, 0.2677, 0.3336



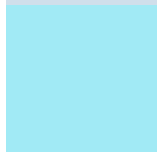
Protanomaly

72.1631, 0.2951, 0.3289



Deuteranomaly

72.1834, 0.2949, 0.3158



Tritanomaly

73.0153, 0.2625, 0.3162

Monochromacy



Original Color

73.0862, 0.2677, 0.3336



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.0338, 0.2940, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0862, 0.2677, 0.3336 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(158, 236, 232)` looks like.

```
.text, #text, p{  
    color:rgb(158, 236, 232)  
}
```

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(158, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 236, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.0862, 0.2677, 0.3336 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(158, 236, 232) }
```

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

```
.border{ border-color:rgb(158, 236, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 236, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(158, 236,  
232) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.0862, 0.2677, 0.3336$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 236, 232) }
```

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

```
.background{ background-color: rgb(158,  
236, 232) }
```

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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