

Converting Colors

$Yxy(73.2537, 0.2709, 0.3317)$

Have a look what the booklet for
Yxy(73.2537, 0.2709, 0.3317)
contains.

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Color

Yxy(73.2992, 0.2708, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	A5EBE9
RGB	165, 235, 233
RGB Percent	65%, 92%, 91%
CMY	0.3530, 0.0784, 0.0863
CMYK	0.30, 0.00, 0.01, 0.08
HSL	178°, 64%, 78%
HSV	178°, 30%, 92%
XYZ	59.9318, 73.2992, 88.0830
YIQ	213.8420, -41.0780, -15.4620

Conversions

Conversions Part 2

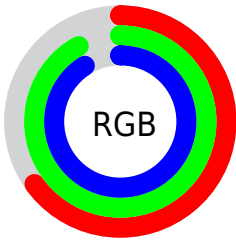
Format	Color
RYB	165, 201, 235
Decimal	10873833
CIELab	88.59, -22.06, -6.03
CIElCh	89, 22.873, 195.278
Yxy	73.2992, 0.2708, 0.3312
Android (android.graphics.Color)	4289063913 (0xFFA5EBE9)
YUV	213.8420, 9.4449, -42.8344
Hunter-Lab	85.6150, -24.8733, -1.0687

Details

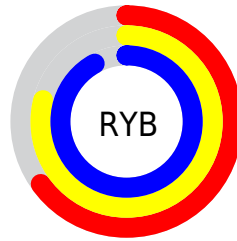
The Yxy color **73.2992, 0.2708, 0.3312** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.3598, 0.3775, 0.3269**, and the grayscale version is **67.0898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **38.7295, 0.2613, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **70.9713, 0.2592, 0.3321**, and if you desaturate by 10%, it is **76.0961, 0.2839, 0.3304**.

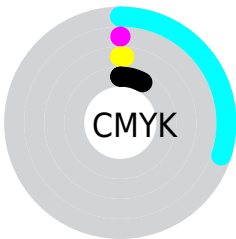
Distribution



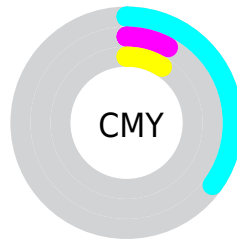
- Red (65%)
- Green (92%)
- Blue (91%)



- Red (65%)
- Yellow (79%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)




- Cyan (35%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2992, 0.2708, 0.3312 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 73.2992, 0.2708, 0.3312 by changing the saturation by 10% instead.


 73.2992, 0.2708,
0.3312


 73.2992, 0.2708,
0.3312


472.0511, 0.2900,
0.3305

 54.2206, 0.2665,
0.3313


 123.9019, 0.2774,
0.3310

 38.7781, 0.2612,
0.3314


 156.1948, 0.2800,
0.3309

 26.5871, 0.2545,
0.3314


193.6613, 0.2822,
0.3308

 17.2634, 0.2459,
0.3314


236.6857, 0.2842,
0.3307

 10.4225, 0.2343,
0.3312

285.6525, 0.2859,
0.3307

 5.6800, 0.2180,
0.3306

340.9461, 0.2874,

 2.6515, 0.1933,

0.3306

402.9509, 0.2887,
0.3305

0.3288

0.9526, 0.1276,
0.3327

0.0000, 0.0000,
0.0000

73.2992, 0.2708,
0.3312

73.2992, 0.2708,
0.3312

70.9713, 0.2592,
0.3321

76.0961, 0.2839,
0.3304

69.0781, 0.2492,
0.3329

79.3767, 0.2980,
0.3297

67.5949, 0.2410,
0.3339

83.1658, 0.3130,
0.3290

66.4906, 0.2348,
0.3348

86.7186, 0.3258,
0.3284

■ 65.7297, 0.2306,
0.3357

■ 86.7576, 0.3254,
0.3277

■ 65.2701, 0.2281,
0.3367

■ 86.7968, 0.3250,
0.3270

■ 65.0418, 0.2271,
0.3376

■ 86.8362, 0.3245,
0.3264

■ 65.0379, 0.2271,
0.3376

■ 86.8757, 0.3241,
0.3257

■ 86.9153, 0.3237,
0.3251

Harmonies

Analogous

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



73.2992, 0.2915, 0.3566



73.2992, 0.2708, 0.3312



73.2992, 0.2612, 0.3065

Triad

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



73.2992, 0.2708, 0.3312



73.2992, 0.3051, 0.2887



73.2992, 0.3627, 0.3672

Complementary

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



73.2992, 0.2708, 0.3312



47.3598, 0.3775, 0.3269

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.



73.2992, 0.3671, 0.3477



73.2992, 0.2708, 0.3312



73.2992, 0.3330, 0.3035

Square

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



73.2992, 0.2708, 0.3312



73.2992, 0.2803, 0.2834



73.2992, 0.3561, 0.3247



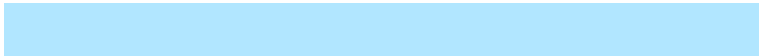
73.2992, 0.3446, 0.3775

Rectangle

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



73.2992, 0.2708, 0.3312



73.2992, 0.2620, 0.2940



73.2992, 0.3561, 0.3247



73.2992, 0.3659, 0.3615

Sweetspot

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



73.3021, 0.2708, 0.3312



95.8620, 0.2991, 0.3296



70.3875, 0.3101, 0.4157



20.3854, 0.2970, 0.3297



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.



73.3021, 0.2708, 0.3312



86.3798, 0.2632, 0.3317



56.3940, 0.2654, 0.2894



17.1140, 0.2985, 0.3296



36.1977, 0.2271, 0.3374



2.8447, 0.2267, 0.3362

Inverse Universe

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



47.3598, 0.3775, 0.3269



50.2722, 0.3977, 0.3265



60.6145, 0.3688, 0.3655



15.0610, 0.3288, 0.3284



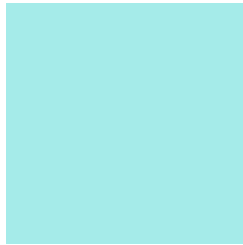
9.8411, 0.6370, 0.3283



0.7752, 0.6286, 0.3237

Previews

White Background



This preview shows how the Yxy color 73.2992, 0.2708, 0.3312 looks on a white background.

Color Contrast Check

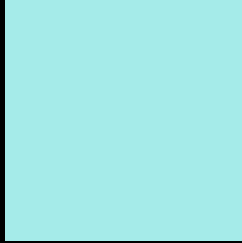
Large Text (above 18pt) WCAG AA × Fail

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 73.2992, 0.2708, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

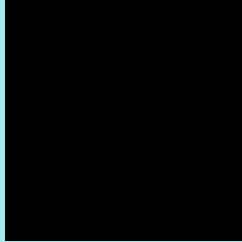
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

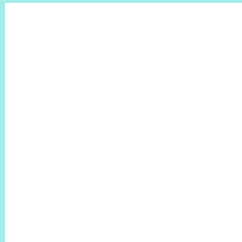
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2992, 0.2708, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.2992, 0.2708, 0.3312.

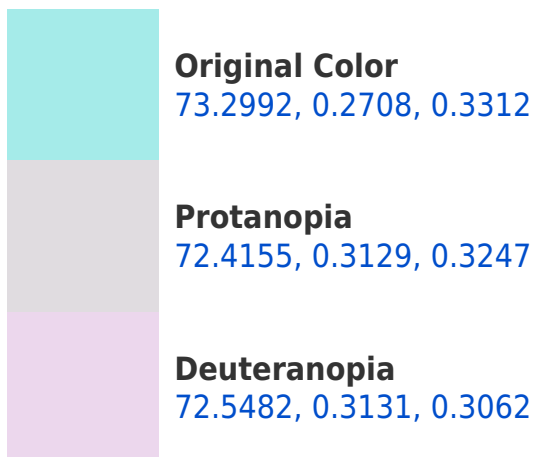


This preview shows how white text looks on a background with the Yxy color 73.2992, 0.2708, 0.3312.

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

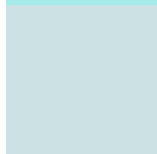
73.1133, 0.2634, 0.3074

Trichromacy



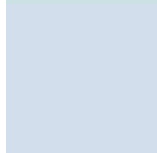
Original Color

73.2992, 0.2708, 0.3312



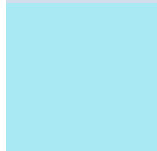
Protanomaly

72.0930, 0.2965, 0.3267



Deuteranomaly

72.0003, 0.2956, 0.3137



Tritanomaly

73.1343, 0.2665, 0.3163

Monochromacy



Original Color

73.2992, 0.2708, 0.3312



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.1988, 0.2955, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2992, 0.2708, 0.3312 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(165, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 233)  
}
```

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(165, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.2992, 0.2708, 0.3312 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(165, 235, 233) }
```

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

```
.border{ border-color:rgb(165, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(165, 235,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2992, 0.2708, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 233) }
```

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

```
.background{ background-color: rgb(165,  
235, 233) }
```

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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