

Converting Colors

$Yxy(71.3866, 0.2726, 0.3328)$

Have a look what the booklet for
Yxy(71.3866, 0.2726, 0.3328)
contains.

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Color

Yxy(71.3697, 0.2725, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	A5E8E5
RGB	165, 232, 229
RGB Percent	65%, 91%, 90%
CMY	0.3532, 0.0901, 0.1019
CMYK	0.29, 0.00, 0.01, 0.09
HSL	177°, 59%, 78%
HSV	177°, 29%, 91%
XYZ	58.5086, 71.3697, 84.8320
YIQ	211.6250, -38.9690, -15.1370

Conversions

Conversions Part 2

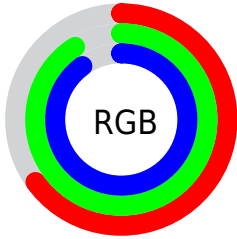
Format	Color
R _Y B	165, 199, 232
Decimal	10873061
CIE Lab	87.66, -21.49, -5.30
CIE LCh	88, 22.139, 193.856
Yxy	71.3697, 0.2725, 0.3324
Android (android.graphics.Color)	4289063141 (0xFFA5E8E5)
YUV	211.6250, 8.5659, -40.8901
Hunter-Lab	84.4806, -24.2176, -0.4002

Details

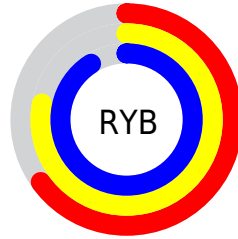
The Yxy color **71.3697, 0.2725, 0.3324** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8718, 0.3738, 0.3257**, and the grayscale version is **65.5322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **37.4862, 0.2632, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **69.0496, 0.2609, 0.3338**, and if you desaturate by 10%, it is **74.1471, 0.2855, 0.3311**.

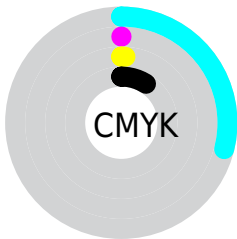
Distribution



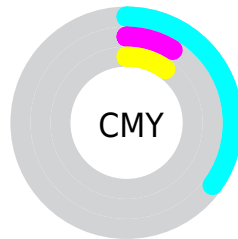
- Red (65%)
- Green (91%)
- Blue (90%)



- Red (65%)
- Yellow (78%)
- Blue (91%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)




- Cyan (35%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3697, 0.2725, 0.3324 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 71.3697, 0.2725, 0.3324 by changing the saturation by 10% instead.


 71.3697, 0.2725,
0.3324


 71.3697, 0.2725,
0.3324

465.3448, 0.2910,
0.3311

 52.6440, 0.2683,
0.3326


 121.1600, 0.2789,
0.3320

 37.5186, 0.2631,
0.3329


 152.9933, 0.2814,
0.3318

 25.6093, 0.2566,
0.3332


189.9646, 0.2835,
0.3317

 16.5316, 0.2482,
0.3335

232.4583, 0.2854,
0.3315

 9.9011, 0.2367,
0.3337

280.8588, 0.2871,
0.3314

 5.3334, 0.2205,
0.3338

335.5504, 0.2885,

 2.4442, 0.1957,

0.3313

396.9176, 0.2898,
0.3312

0.3330

0.8485, 0.1143,
0.3444

0.0000, 0.0000,
0.0000

71.3697, 0.2725,
0.3324

71.3697, 0.2725,
0.3324

69.0496, 0.2609,
0.3338

74.1471, 0.2855,
0.3311

67.1537, 0.2509,
0.3352

77.3958, 0.2995,
0.3300


65.6583, 0.2427,
0.3366

81.1398, 0.3144,
0.3289

64.5336, 0.2364,
0.3381

84.8742, 0.3278,
0.3279

 63.7456, 0.2320,
0.3396


 84.9337, 0.3271,
0.3269


 63.2543, 0.2295,
0.3411

 84.9935, 0.3264,
0.3259

 62.9989, 0.2286,
0.3425

 85.0537, 0.3257,
0.3249

 62.9765, 0.2285,
0.3427

 85.1143, 0.3250,
0.3238

 85.1752, 0.3244,
0.3228

Harmonies

Analogous

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



71.3697, 0.2931, 0.3570



71.3697, 0.2725, 0.3324



71.3697, 0.2625, 0.3081

Triad

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



71.3697, 0.2725, 0.3324



71.3697, 0.3040, 0.2891



71.3697, 0.3621, 0.3656

Complementary

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



71.3697, 0.2725, 0.3324



46.8718, 0.3738, 0.3257

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.



71.3697, 0.3657, 0.3463



71.3697, 0.2725, 0.3324



71.3697, 0.3313, 0.3032

Square

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



71.3697, 0.2725, 0.3324



71.3697, 0.2801, 0.2845



71.3697, 0.3543, 0.3237



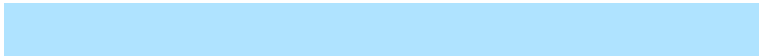
71.3697, 0.3450, 0.3762

Rectangle

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



71.3697, 0.2725, 0.3324



71.3697, 0.2629, 0.2956



71.3697, 0.3543, 0.3237



71.3697, 0.3650, 0.3599

Sweetspot

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



71.3726, 0.2725, 0.3324



95.8383, 0.2993, 0.3300



68.7931, 0.3110, 0.4125



20.3795, 0.2972, 0.3301



0.0000, 0.0000, 0.0000



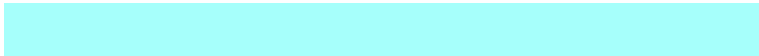
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3726, 0.2725, 0.3324



86.5657, 0.2650, 0.3332



55.9819, 0.2670, 0.2922



16.3247, 0.2988, 0.3300



34.9622, 0.2285, 0.3424



2.5871, 0.2279, 0.3403

Inverse Universe

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



46.8718, 0.3738, 0.3257



51.3340, 0.3930, 0.3250



58.9584, 0.3671, 0.3631



14.3784, 0.3286, 0.3280



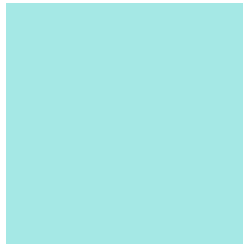
9.5417, 0.6352, 0.3273



0.7088, 0.6217, 0.3198

Previews

White Background



This preview shows how the Yxy color 71.3697, 0.2725, 0.3324 looks on a white background.

Color Contrast Check

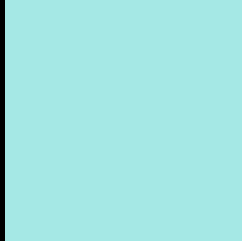
Large Text (above 18pt) WCAG AA × Fail

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 71.3697, 0.2725, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

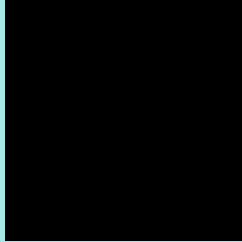
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3697, 0.2725, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 71.3697, 0.2725, 0.3324.

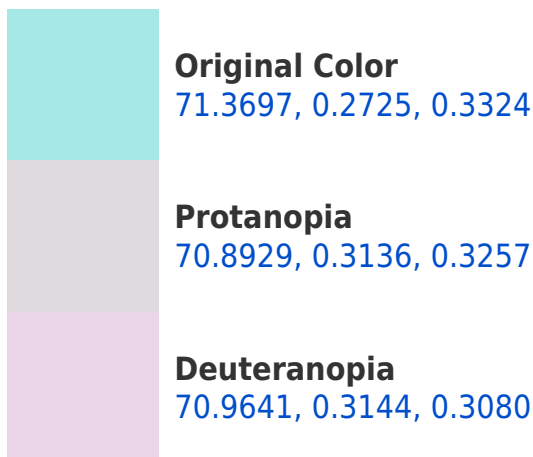


This preview shows how white text looks on a background with the Yxy color 71.3697, 0.2725, 0.3324.

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

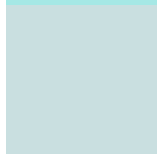
71.2510, 0.2644, 0.3072

Trichromacy



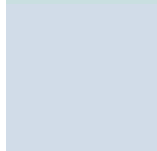
Original Color

71.3697, 0.2725, 0.3324



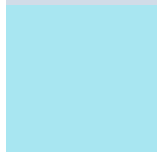
Protanomaly

70.5747, 0.2970, 0.3278



Deuteranomaly

70.5679, 0.2974, 0.3158



Tritanomaly

71.2693, 0.2676, 0.3162

Monochromacy



Original Color

71.3697, 0.2725, 0.3324



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.3271, 0.2966, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3697, 0.2725, 0.3324 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, 232, 229)` looks like.

```
.text, #text, p{  
    color:rgb(165, 232, 229)  
}
```

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, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 232, 229) }
```

Border

The CSS property to change the border of an element to Yxy 71.3697, 0.2725, 0.3324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

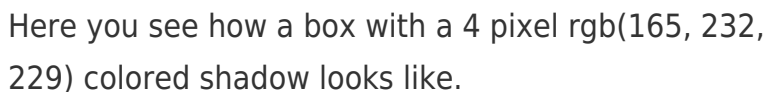
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 232, 229) }
```

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

```
.border{ border-color:rgb(165, 232, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 232, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 232, 229); box-shadow:4px 4px 4px 4px rgb(165, 232, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3697, 0.2725, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 232, 229) }
```

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

```
.background{ background-color: rgb(165,  
232, 229) }
```

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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