

Converting Colors

$Yxy(73.1929, 0.2849, 0.3377)$

Have a look what the booklet for
Yxy(73.1929, 0.2849, 0.3377)
contains.

Yxy(73.0946, 0.2846, 0.3370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.0946, 0.2846, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	B6E8E1
RGB	182, 232, 225
RGB Percent	71%, 91%, 88%
CMY	0.2864, 0.0901, 0.1177
CMYK	0.22, 0.00, 0.03, 0.09
HSL	172°, 52%, 81%
HSV	172°, 22%, 91%
XYZ	61.7291, 73.0946, 82.0742
YIQ	216.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

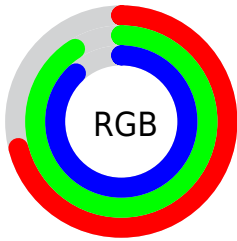
Format	Color
R_{YB}	182, 209, 232
Decimal	11987169
CIE _{Lab}	88.49, -17.40, -1.86
CIE _{LCh}	88, 17.499, 186.092
Yxy	73.0946, 0.2846, 0.3370
Android (android.graphics.Color)	4290177249 (0xFFB6E8E1)
YUV	216.2520, 4.3128, -30.0390
Hunter-Lab	85.4954, -20.7368, 2.9293

Details

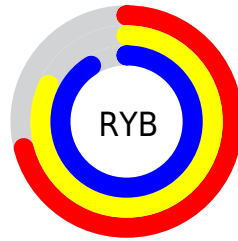
The Yxy color **73.0946, 0.2846, 0.3370** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.2725, 0.3503, 0.3212**, and the grayscale version is **68.8302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **38.5421, 0.2779, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **70.3273, 0.2730, 0.3412**, and if you desaturate by 10%, it is **76.3392, 0.2972, 0.3331**.

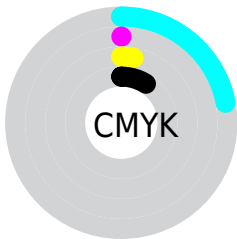
Distribution



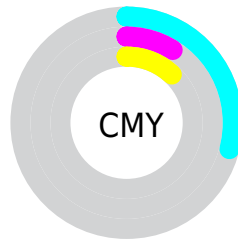
- Red (71%)
- Green (91%)
- Blue (88%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0946, 0.2846, 0.3370 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 73.0946, 0.2846, 0.3370 by changing the saturation by 10% instead.

 73.0946, 0.2846,
0.3370

 73.0946, 0.2846,
0.3370


471.3426, 0.2975,
0.3334

 54.0533, 0.2817,
0.3378


 123.6115, 0.2891,
0.3358

 38.6443, 0.2780,
0.3388

155.8559, 0.2908,
0.3353

 26.4831, 0.2734,
0.3400


193.2701, 0.2923,
0.3349

 17.1854, 0.2675,
0.3416

236.2386, 0.2936,
0.3345

 10.3668, 0.2593,
0.3437

285.1457, 0.2948,
0.3342

 5.6428, 0.2477,
0.3467

340.3758, 0.2958,

 2.6291, 0.2297,

0.3339

0.3511

402.3133, 0.2967,
0.3336

0.9413, 0.1820,
0.3654

0.0000, 0.0000,
0.0000

73.0946, 0.2846,
0.3370

73.0946, 0.2846,
0.3370

70.3273, 0.2730,
0.3412

76.3392, 0.2972,
0.3331

68.0054, 0.2626,
0.3457


80.0737, 0.3106,
0.3295


66.1067, 0.2538,
0.3504


84.3211, 0.3243,
0.3263

64.6038, 0.2468,
0.3553


85.1565, 0.3246,
0.3231

 63.4661, 0.2417,
0.3603

 85.3500, 0.3225,
0.3200


 62.6581, 0.2385,
0.3653


 85.5470, 0.3204,
0.3168

 62.1376, 0.2373,
0.3703

 85.7474, 0.3183,
0.3137

 61.8644, 0.2373,
0.3744

 85.9514, 0.3162,
0.3105

 86.1589, 0.3142,
0.3075

Harmonies

Analogous

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



73.0946, 0.3026, 0.3549



73.0946, 0.2846, 0.3370



73.0946, 0.2742, 0.3174

Triad

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



73.0946, 0.2846, 0.3370



73.0946, 0.3007, 0.2956



73.0946, 0.3532, 0.3546

Complementary

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



73.0946, 0.2846, 0.3370



54.2725, 0.3503, 0.3212

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.



73.0946, 0.3529, 0.3384



73.0946, 0.2846, 0.3370



73.0946, 0.3220, 0.3051

Square

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



73.0946, 0.2846, 0.3370



73.0946, 0.2832, 0.2943



73.0946, 0.3413, 0.3205



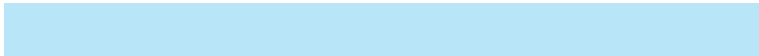
73.0946, 0.3424, 0.3648

Rectangle

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



73.0946, 0.2846, 0.3370



73.0946, 0.2727, 0.3064



73.0946, 0.3413, 0.3205



73.0946, 0.3544, 0.3497

Sweetspot

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



73.0976, 0.2846, 0.3370



97.0751, 0.3046, 0.3311



71.9768, 0.3150, 0.3882



20.7129, 0.3037, 0.3313



0.0000, 0.0000, 0.0000



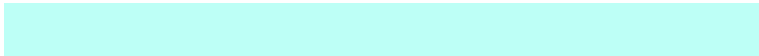
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0976, 0.2846, 0.3370



88.9348, 0.2792, 0.3389



64.1124, 0.2792, 0.3085



16.2997, 0.3000, 0.3323



34.3537, 0.2371, 0.3736



2.5482, 0.2351, 0.3664

Inverse Universe

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



54.2725, 0.3503, 0.3212



61.6043, 0.3608, 0.3195



61.6025, 0.3523, 0.3486



14.4008, 0.3270, 0.3257



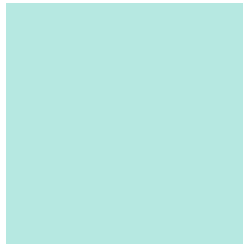
9.5948, 0.6209, 0.3194



0.7195, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 73.0946, 0.2846, 0.3370 looks on a white background.

Color Contrast Check

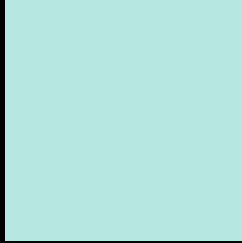
Large Text (above 18pt) WCAG AA × Fail

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 73.0946, 0.2846, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

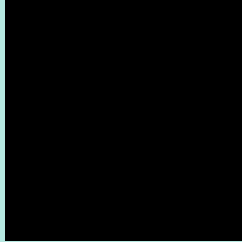
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

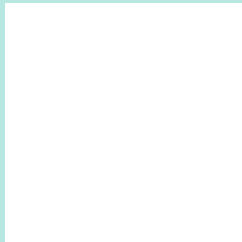
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0946, 0.2846, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 73.0946, 0.2846, 0.3370.

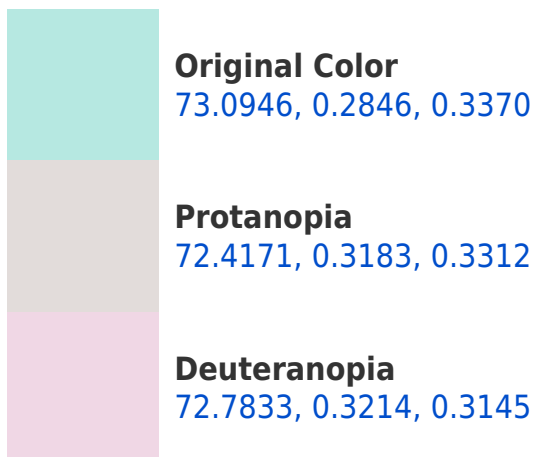


This preview shows how white text looks on a background with the Yxy color 73.0946, 0.2846, 0.3370.

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

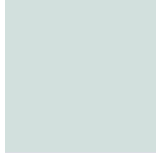
73.1931, 0.2746, 0.3089

Trichromacy



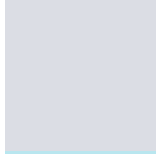
Original Color

73.0946, 0.2846, 0.3370



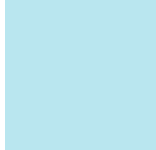
Protanomaly

72.2334, 0.3049, 0.3323



Deuteranomaly

72.3744, 0.3068, 0.3214



Tritanomaly

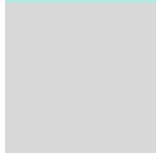
73.1399, 0.2784, 0.3188

Monochromacy



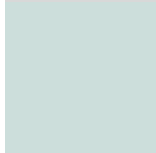
Original Color

73.0946, 0.2846, 0.3370



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.1944, 0.3021, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0946, 0.2846, 0.3370 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(182, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 232, 225)  
}
```

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(182, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 232, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.0946, 0.2846, 0.3370 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(182, 232, 225) }
```

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

```
.border{ border-color:rgb(182, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 232,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0946, 0.2846, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 232, 225) }
```

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

```
.background{ background-color: rgb(182,  
232, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor