

Converting Colors

Yxy(69.3320, 0.2890, 0.3347)

Have a look what the booklet for
Yxy(69.3320, 0.2890, 0.3347)
contains.

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Color

Yxy(69.3320, 0.2890, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1DC
RGB	185, 225, 220
RGB Percent	73%, 88%, 86%
CMY	0.2742, 0.1177, 0.1372
CMYK	0.18, 0.00, 0.02, 0.12
HSL	173°, 40%, 80%
HSV	173°, 18%, 88%
XYZ	59.8654, 69.3320, 77.9493
YIQ	212.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

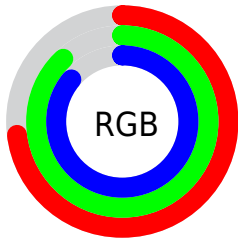
Format	Color
R _{YB}	185, 206, 225
Decimal	12181980
CIE _{Lab}	86.67, -13.94, -1.90
CIE _{LCh}	87, 14.067, 187.767
Yxy	69.3320, 0.2890, 0.3347
Android (android.graphics.Color)	4290372060 (0xFFB9E1DC)
YUV	212.4700, 3.7123, -24.0912
Hunter-Lab	83.2658, -17.3796, 2.7818

Details

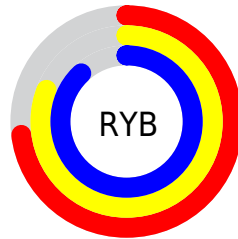
The Yxy color **69.3320, 0.2890, 0.3347** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4530, 0.3428, 0.3234**, and the grayscale version is **66.1637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **36.2914, 0.2831, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **66.6060, 0.2768, 0.3383**, and if you desaturate by 10%, it is **72.5090, 0.3021, 0.3314**.

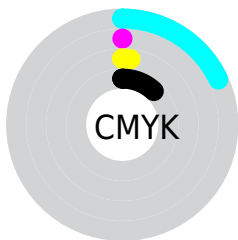
Distribution



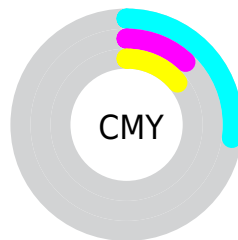
- Red (73%)
- Green (88%)
- Blue (86%)



- Red (73%)
- Yellow (81%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3320, 0.2890, 0.3347 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 69.3320, 0.2890, 0.3347 by changing the saturation by 10% instead.

 69.3320, 0.2890,
0.3347

 69.3320, 0.2890,
0.3347


458.2010, 0.3000,
0.3321

 50.9821, 0.2865,
0.3353


 118.2556, 0.2928,
0.3338

 36.1944, 0.2833,
0.3360


149.5982, 0.2943,
0.3335

 24.5844, 0.2793,
0.3369


186.0405, 0.2956,
0.3332

 15.7677, 0.2741,
0.3381

227.9668, 0.2967,
0.3329

 9.3599, 0.2669,
0.3396

275.7617, 0.2977,
0.3327

 4.9767, 0.2565,
0.3418


329.8094, 0.2986,

 2.2336, 0.2399,


0.3325


0.3451


390.4944, 0.2993,
0.3323


 0.7382, 0.1775,
0.3625


 0.0000, 0.0000,
0.0000


 69.3320, 0.2890,
0.3347


 69.3320, 0.2890,
0.3347


 66.6060, 0.2768,
0.3383


 72.5090, 0.3021,
0.3314

 64.3017, 0.2658,
0.3422


 76.1479, 0.3159,
0.3283


 62.3995, 0.2562,
0.3462


 80.2698, 0.3299,
0.3256

 60.8748, 0.2483,
0.3505


 80.8853, 0.3298,
0.3229

 59.7005, 0.2424,
0.3548


 81.0450, 0.3279,
0.3201


 58.8456, 0.2383,
0.3592


 81.2073, 0.3260,
0.3174

 58.2740, 0.2362,
0.3636

 81.3721, 0.3241,
0.3146

 57.9357, 0.2358,
0.3679

 81.5395, 0.3223,
0.3119

 57.8738, 0.2358,
0.3688

 81.7094, 0.3204,
0.3092

Harmonies

Analogous

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



69.3320, 0.3036, 0.3493



69.3320, 0.2890, 0.3347



69.3320, 0.2808, 0.3188

Triad

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



69.3320, 0.2890, 0.3347



69.3320, 0.3039, 0.3017



69.3320, 0.3456, 0.3508

Complementary

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



69.3320, 0.2890, 0.3347



54.4530, 0.3428, 0.3234

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.



69.3320, 0.3458, 0.3377



69.3320, 0.2890, 0.3347



69.3320, 0.3213, 0.3099

Square

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



69.3320, 0.2890, 0.3347



69.3320, 0.2892, 0.3003



69.3320, 0.3368, 0.3229



69.3320, 0.3363, 0.3585

Rectangle

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



69.3320, 0.2890, 0.3347



69.3320, 0.2799, 0.3099



69.3320, 0.3368, 0.3229



69.3320, 0.3467, 0.3468

Sweetspot

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



69.3349, 0.2890, 0.3347



97.5597, 0.3058, 0.3305



68.3471, 0.3142, 0.3766



20.8111, 0.3048, 0.3307



0.0000, 0.0000, 0.0000



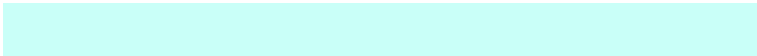
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3349, 0.2890, 0.3347



90.7981, 0.2847, 0.3359



62.0257, 0.2852, 0.3117



15.5414, 0.2998, 0.3319



33.3658, 0.2356, 0.3682



2.3211, 0.2338, 0.3615

Inverse Universe

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



54.4530, 0.3428, 0.3234



67.8031, 0.3500, 0.3223



60.6844, 0.3440, 0.3457



13.7282, 0.3273, 0.3261



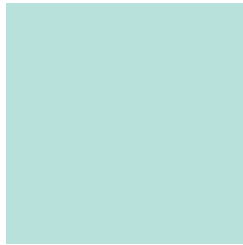
9.2818, 0.6238, 0.3210



0.6526, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 69.3320, 0.2890, 0.3347 looks on a white background.

Color Contrast Check

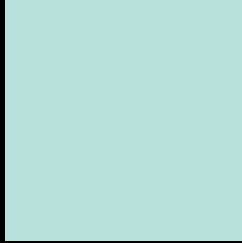
Large Text (above 18pt) WCAG AA × Fail

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 69.3320, 0.2890, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

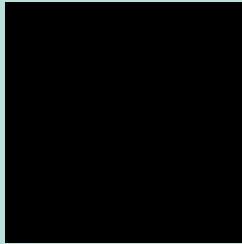
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

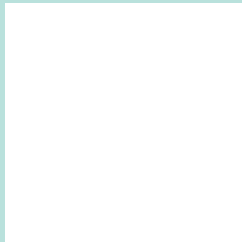
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3320, 0.2890, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 69.3320, 0.2890, 0.3347.



This preview shows how white text looks on a background with the Yxy color 69.3320, 0.2890, 0.3347.

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

69.3320, 0.2890, 0.3347

Protanopia

68.8793, 0.3171, 0.3290

Deuteranopia

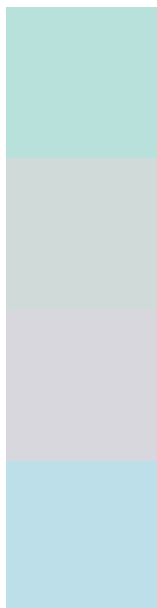
68.9133, 0.3216, 0.3152



Tritanopia

69.3526, 0.2796, 0.3086

Trichromacy



Original Color

69.3320, 0.2890, 0.3347

Protanomaly

69.0827, 0.3062, 0.3312

Deuteranomaly

68.4737, 0.3087, 0.3213

Tritanomaly

69.3499, 0.2831, 0.3175

Monochromacy



Original Color

69.3320, 0.2890, 0.3347

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0886, 0.3033, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3320, 0.2890, 0.3347 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(185, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 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(185, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 220) }
```

Border

The CSS property to change the border of an element to Yxy 69.3320, 0.2890, 0.3347 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(185, 225, 220) }
```

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

```
.border{ border-color:rgb(185, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 225, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 225, 220); box-shadow:4px 4px 4px 4px rgb(185, 225, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3320, 0.2890, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 220) }
```

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

```
.background{ background-color: rgb(185,  
225, 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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