

Converting Colors

$Yxy(65.7538, 0.2878, 0.3292)$

Have a look what the booklet for
Yxy(65.7538, 0.2878, 0.3292)
contains.

Yxy(65.7226, 0.2873, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7226, 0.2873, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B6DBDB
RGB	182, 219, 219
RGB Percent	71%, 86%, 86%
CMY	0.2863, 0.1412, 0.1411
CMYK	0.17, 0.00, 0.00, 0.14
HSL	180°, 34%, 79%
HSV	180°, 17%, 86%
XYZ	57.4099, 65.7226, 76.6930
YIQ	207.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

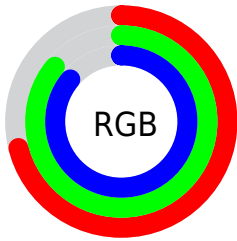
Format	Color
R _Y B	182, 201, 219
Decimal	11983835
CIE Lab	84.85, -12.06, -4.06
CIE LCh	85, 12.729, 198.607
Yxy	65.7226, 0.2873, 0.3289
Android (android.graphics.Color)	4290173915 (0xFFB6DBDB)
YUV	207.9370, 5.4541, -22.7467
Hunter-Lab	81.0695, -15.4657, 0.6593

Details

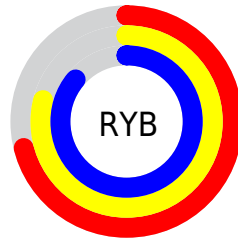
The Yxy color **65.7226, 0.2873, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9018, 0.3449, 0.3291**, and the grayscale version is **63.0097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **33.8204, 0.2808, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **63.2581, 0.2736, 0.3288**, and if you desaturate by 10%, it is **68.6096, 0.3021, 0.3290**.

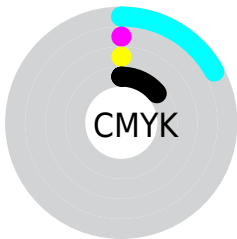
Distribution



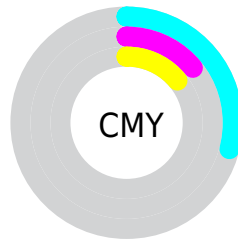
- Red (71%)
- Green (86%)
- Blue (86%)



- Red (71%)
- Yellow (79%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7226, 0.2873, 0.3289 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 65.7226, 0.2873, 0.3289 by changing the saturation by 10% instead.

 65.7226, 0.2873,
0.3289

 65.7226, 0.2873,
0.3289

445.3841, 0.2992,
0.3291

 48.0473, 0.2845,
0.3288


 113.0881, 0.2915,
0.3290

 33.8643, 0.2811,
0.3287


143.5470, 0.2931,
0.3290

 22.7894, 0.2767,
0.3286


179.0360, 0.2945,
0.3290

 14.4381, 0.2710,
0.3284

219.9393, 0.2957,
0.3290

 8.4260, 0.2630,
0.3279

266.6413, 0.2967,
0.3290

 4.3687, 0.2513,
0.3272

319.5266, 0.2976,

 1.8819, 0.2326,

0.3291

378.9794, 0.2985,
0.3291

0.3255

0.5374, 0.1333,
0.3312

0.0000, 0.0000,
0.0000

65.7226, 0.2873,
0.3289

65.7226, 0.2873,
0.3289

63.2581, 0.2736,
0.3288

68.6096, 0.3021,
0.3290

61.1885, 0.2613,
0.3288

71.9290, 0.3176,
0.3290


59.4959, 0.2506,
0.3287


75.7006, 0.3336,
0.3291

58.1573, 0.2417,
0.3287

77.0648, 0.3390,
0.3291


 57.1477, 0.2347,
0.3287

 77.0708, 0.3390,
0.3291


 56.4384, 0.2297,
0.3286

 77.0767, 0.3390,
0.3291

 55.9960, 0.2265,
0.3286

 77.0826, 0.3390,
0.3291

 55.7773, 0.2249,
0.3286

 77.0886, 0.3390,
0.3292

 55.7317, 0.2246,
0.3286

 77.0945, 0.3390,
0.3292

Harmonies

Analogous

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



65.7226, 0.2990, 0.3433



65.7226, 0.2873, 0.3289



65.7226, 0.2823, 0.3150

Triad

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



65.7226, 0.2873, 0.3289



65.7226, 0.3103, 0.3059



65.7226, 0.3408, 0.3524

Complementary

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



65.7226, 0.2873, 0.3289



51.9018, 0.3449, 0.3291

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.



65.7226, 0.3441, 0.3418



65.7226, 0.2873, 0.3289



65.7226, 0.3263, 0.3153

Square

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



65.7226, 0.2873, 0.3289



65.7226, 0.2954, 0.3022



65.7226, 0.3387, 0.3283



65.7226, 0.3298, 0.3569

Rectangle

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



65.7226, 0.2873, 0.3289



65.7226, 0.2834, 0.3079



65.7226, 0.3387, 0.3283



65.7226, 0.3428, 0.3494

Sweetspot

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



65.7253, 0.2873, 0.3289



97.6573, 0.3049, 0.3290



63.9968, 0.3106, 0.3745



20.8349, 0.3038, 0.3290



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.



65.7253, 0.2873, 0.3289



91.5605, 0.2827, 0.3289



56.6044, 0.2863, 0.3066



14.8284, 0.2982, 0.3289



33.0388, 0.2246, 0.3286



2.1408, 0.2246, 0.3286

Inverse Universe

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



53.6315, 0.3147, 0.2873



71.6640, 0.3151, 0.2792



59.9853, 0.3414, 0.3504



13.2748, 0.3138, 0.3060



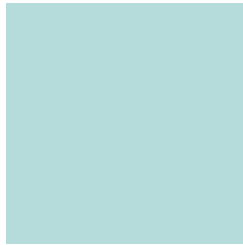
11.9591, 0.3210, 0.1542



0.7748, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 65.7226, 0.2873, 0.3289 looks on a white background.

Color Contrast Check

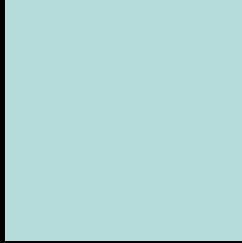
Large Text (above 18pt) WCAG AA × Fail

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 65.7226, 0.2873, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

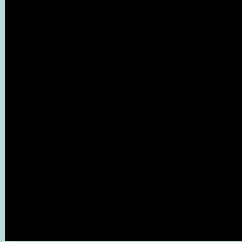
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

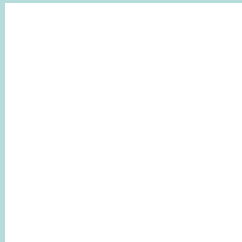
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7226, 0.2873, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 65.7226, 0.2873, 0.3289.

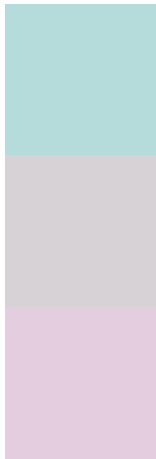


This preview shows how white text looks on a background with the Yxy color 65.7226, 0.2873, 0.3289.

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

65.7226, 0.2873, 0.3289

Protanopia

65.2444, 0.3129, 0.3245

Deuteranopia

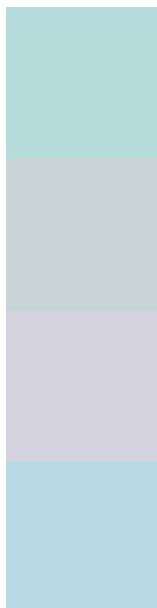
65.2675, 0.3174, 0.3106



Tritanopia

65.8805, 0.2802, 0.3093

Trichromacy



Original Color

65.7226, 0.2873, 0.3289

Protanomaly

65.1029, 0.3027, 0.3255

Deuteranomaly

65.1625, 0.3060, 0.3166

Tritanomaly

65.9903, 0.2826, 0.3162

Monochromacy



Original Color

65.7226, 0.2873, 0.3289

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9825, 0.3033, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7226, 0.2873, 0.3289 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, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 219)  
}
```

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, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.7226, 0.2873, 0.3289 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, 219, 219) }
```

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

```
.border{ border-color:rgb(182, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7226, 0.2873, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 219) }
```

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

```
.background{ background-color: rgb(182,  
219, 219) }
```

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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