

Converting Colors

$Yxy(65.2939, 0.2823, 0.3333)$

Have a look what the booklet for
Yxy(65.2939, 0.2823, 0.3333)
contains.

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Color

Yxy(65.4933, 0.2823, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDD9
RGB	172, 221, 217
RGB Percent	67%, 87%, 85%
CMY	0.3252, 0.1334, 0.1490
CMYK	0.22, 0.00, 0.02, 0.13
HSL	175°, 42%, 77%
HSV	175°, 22%, 87%
XYZ	55.4053, 65.4933, 75.3654
YIQ	205.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

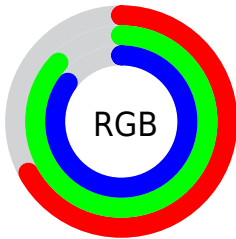
Format	Color
RYB	172, 198, 221
Decimal	11328985
CIELab	84.74, -16.54, -3.23
CIELCh	85, 16.848, 191.057
Yxy	65.4933, 0.2823, 0.3337
Android (android.graphics.Color)	4289519065 (0xFFACDDD9)
YUV	205.8930, 5.4758, -29.7242
Hunter-Lab	80.9279, -19.4182, 1.4348

Details

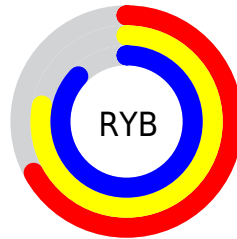
The Yxy color **65.4933, 0.2823, 0.3337** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0404, 0.3540, 0.3244**, and the grayscale version is **61.6369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **33.7326, 0.2746, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **63.1053, 0.2701, 0.3361**, and if you desaturate by 10%, it is **68.3035, 0.2956, 0.3315**.

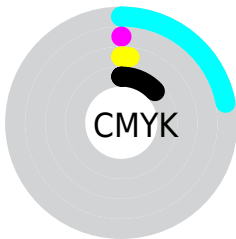
Distribution



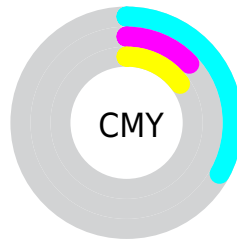
- Red (67%)
- Green (87%)
- Blue (85%)



- Red (67%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)




- Cyan (33%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4933, 0.2823, 0.3337 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 65.4933, 0.2823, 0.3337 by changing the saturation by 10% instead.


 65.4933, 0.2823,
0.3337

 65.4933, 0.2823,
0.3337

444.5626, 0.2966,
0.3316

 47.8612, 0.2790,
0.3342


 112.7588, 0.2873,
0.3330

 33.7170, 0.2749,
0.3347

143.1609, 0.2892,
0.3327

 22.6763, 0.2697,
0.3354


178.5886, 0.2909,
0.3325

 14.3546, 0.2628,
0.3362

219.4260, 0.2923,
0.3323

 8.3677, 0.2532,
0.3373

266.0578, 0.2936,
0.3321

 4.3311, 0.2393,
0.3387

318.8682, 0.2947,

 1.8605, 0.2169,

0.3319

378.2417, 0.2957,
0.3318

0.3404

0.5244, 0.0670,
0.3703

0.0000, 0.0000,
0.0000

65.4933, 0.2823,
0.3337

65.4933, 0.2823,
0.3337

63.1053, 0.2701,
0.3361

68.3035, 0.2956,
0.3315

61.1110, 0.2593,
0.3387

71.5470, 0.3096,
0.3294

59.4907, 0.2502,
0.3413

75.2444, 0.3242,
0.3276

58.2199, 0.2428,
0.3441

78.3606, 0.3351,
0.3258

■ 57.2713, 0.2374,
0.3468

■ 78.4590, 0.3338,
0.3240

■ 56.6133, 0.2339,
0.3496

■ 78.5585, 0.3326,
0.3222

■ 56.2080, 0.2322,
0.3524

■ 78.6591, 0.3313,
0.3205

■ 56.0174, 0.2318,
0.3545

■ 78.7607, 0.3301,
0.3187

■ 78.8633, 0.3288,
0.3169

Harmonies

Analogous

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



65.4933, 0.2993, 0.3523



65.4933, 0.2823, 0.3337



65.4933, 0.2734, 0.3145

Triad

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



65.4933, 0.2823, 0.3337



65.4933, 0.3041, 0.2967



65.4933, 0.3521, 0.3568

Complementary

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



65.4933, 0.2823, 0.3337



48.0404, 0.3540, 0.3244

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.



65.4933, 0.3537, 0.3413



65.4933, 0.2823, 0.3337



65.4933, 0.3254, 0.3073

Square

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



65.4933, 0.2823, 0.3337



65.4933, 0.2857, 0.2939



65.4933, 0.3438, 0.3234



65.4933, 0.3397, 0.3655

Rectangle

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



65.4933, 0.2823, 0.3337



65.4933, 0.2731, 0.3041



65.4933, 0.3438, 0.3234



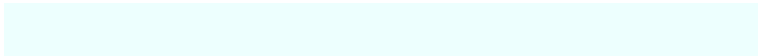
65.4933, 0.3540, 0.3522

Sweetspot

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



65.4960, 0.2823, 0.3337



96.6769, 0.3026, 0.3304



63.9362, 0.3127, 0.3901



20.6346, 0.3018, 0.3305



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.



65.4960, 0.2823, 0.3337



88.8414, 0.2760, 0.3349



55.5893, 0.2781, 0.3039



14.8103, 0.2993, 0.3309



32.5529, 0.2317, 0.3541



2.1145, 0.2305, 0.3496

Inverse Universe

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



48.0404, 0.3540, 0.3244



60.2365, 0.3667, 0.3233



56.2512, 0.3526, 0.3528



13.0687, 0.3279, 0.3271



8.9620, 0.6306, 0.3247



0.5867, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 65.4933, 0.2823, 0.3337 looks on a white background.

Color Contrast Check

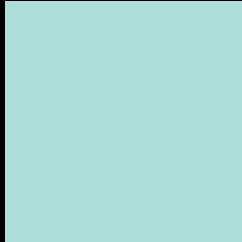
Large Text (above 18pt) WCAG AA × Fail

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 65.4933, 0.2823, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

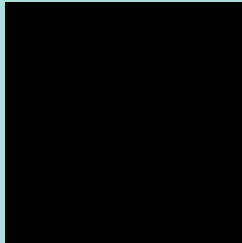
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

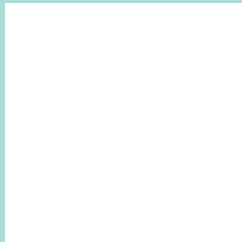
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4933, 0.2823, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 65.4933, 0.2823, 0.3337.



This preview shows how white text looks on a background with the Yxy color 65.4933, 0.2823, 0.3337.

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

65.4933, 0.2823, 0.3337

Protanopia

65.2434, 0.3158, 0.3279

Deuteranopia

65.1608, 0.3188, 0.3127



Tritanopia

65.4290, 0.2735, 0.3079

Trichromacy



Original Color

65.4933, 0.2823, 0.3337

Protanomaly

65.0393, 0.3026, 0.3301

Deuteranomaly

64.9684, 0.3044, 0.3199

Tritanomaly

65.4341, 0.2770, 0.3171

Monochromacy



Original Color

65.4933, 0.2823, 0.3337

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7110, 0.3010, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4933, 0.2823, 0.3337 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(172, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(172, 221, 217)  
}
```

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(172, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 221, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.4933, 0.2823, 0.3337 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(172, 221, 217) }
```

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

```
.border{ border-color:rgb(172, 221, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(172, 221,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4933, 0.2823, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 221, 217) }
```

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

```
.background{ background-color: rgb(172,  
221, 217) }
```

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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