

Converting Colors

$Yxy(65.9113, 0.2831, 0.3346)$

Have a look what the booklet for
Yxy(65.9113, 0.2831, 0.3346)
contains.

Yxy(66.1365, 0.2830, 0.3349)	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(66.1365, 0.2830, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	ADDED9
RGB	173, 222, 217
RGB Percent	68%, 87%, 85%
CMY	0.3213, 0.1294, 0.1491
CMYK	0.22, 0.00, 0.02, 0.13
HSL	174°, 43%, 77%
HSV	174°, 22%, 87%
XYZ	55.8872, 66.1365, 75.4576
YIQ	206.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

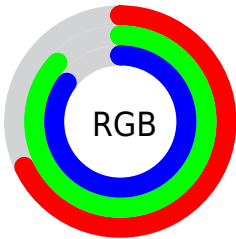
Format	Color
R _{YB}	173, 199, 222
Decimal	11394777
CIE _{Lab}	85.07, -16.74, -2.74
CIE _{LCh}	85, 16.967, 189.282
Yxy	66.1365, 0.2830, 0.3349
Android (android.graphics.Color)	4289584857 (0xFFADDED9)
YUV	206.7790, 5.0390, -29.6242
Hunter-Lab	81.3244, -19.6499, 1.9142

Details

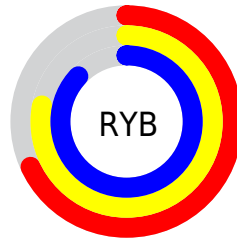
The Yxy color **66.1365, 0.2830, 0.3349** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6550, 0.3529, 0.3233**, and the grayscale version is **62.2353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **34.1680, 0.2756, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **63.6968, 0.2710, 0.3379**, and if you desaturate by 10%, it is **69.0037, 0.2960, 0.3321**.

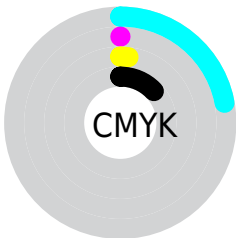
Distribution



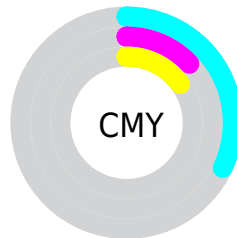
- Red (68%)
- Green (87%)
- Blue (85%)



- Red (68%)
- Yellow (78%)
- Blue (87%)



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





- Cyan (32%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1365, 0.2830, 0.3349 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 66.1365, 0.2830, 0.3349 by changing the saturation by 10% instead.


 66.1365, 0.2830,
0.3349

 66.1365, 0.2830,
0.3349


446.8649, 0.2969,
0.3322

 48.3832, 0.2798,
0.3355


 113.6822, 0.2879,
0.3340

 34.1305, 0.2758,
0.3362


144.2435, 0.2897,
0.3336

 22.9938, 0.2707,
0.3371


179.8428, 0.2914,
0.3333

 14.5890, 0.2640,
0.3383

220.8646, 0.2928,
0.3331

 8.5314, 0.2547,
0.3398

267.6934, 0.2940,
0.3328

 4.4368, 0.2411,
0.3418

320.7134, 0.2951,

 1.9208, 0.2195,

0.3326

0.3447

380.3091, 0.2960,
0.3324

0.5608, 0.0836,
0.3771

0.0000, 0.0000,
0.0000

66.1365, 0.2830,
0.3349

66.1365, 0.2830,
0.3349

63.6968, 0.2710,
0.3379

69.0037, 0.2960,
0.3321

61.6558, 0.2604,
0.3412

72.3097, 0.3098,
0.3295

59.9937, 0.2514,
0.3445

76.0752, 0.3241,
0.3272

58.6856, 0.2442,
0.3480

78.9939, 0.3336,
0.3250

■ 57.7040, 0.2389,
0.3515

■ 79.1194, 0.3321,
0.3227

■ 57.0169, 0.2355,
0.3551

■ 79.2465, 0.3305,
0.3205

■ 56.5862, 0.2339,
0.3586

■ 79.3754, 0.3290,
0.3182

■ 56.3763, 0.2337,
0.3614

■ 79.5059, 0.3274,
0.3160

■ 79.6380, 0.3259,
0.3138

Harmonies

Analogous

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



66.1365, 0.3004, 0.3533



66.1365, 0.2830, 0.3349



66.1365, 0.2735, 0.3155

Triad

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



66.1365, 0.2830, 0.3349



66.1365, 0.3028, 0.2962



66.1365, 0.3527, 0.3561

Complementary

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



66.1365, 0.2830, 0.3349



48.6550, 0.3529, 0.3233

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.



66.1365, 0.3536, 0.3403



66.1365, 0.2830, 0.3349



66.1365, 0.3243, 0.3064

Square

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



66.1365, 0.2830, 0.3349



66.1365, 0.2847, 0.2939



66.1365, 0.3430, 0.3223



66.1365, 0.3408, 0.3654

Rectangle

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



66.1365, 0.2830, 0.3349



66.1365, 0.2728, 0.3048



66.1365, 0.3430, 0.3223



66.1365, 0.3543, 0.3514

Sweetspot

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



66.1392, 0.2830, 0.3349



96.6534, 0.3028, 0.3308



64.8145, 0.3138, 0.3896



20.6291, 0.3020, 0.3309



0.0000, 0.0000, 0.0000



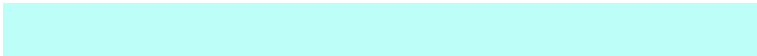
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1392, 0.2830, 0.3349



89.0915, 0.2779, 0.3361



56.9875, 0.2784, 0.3061



15.5469, 0.2995, 0.3314



33.4983, 0.2336, 0.3608



2.3290, 0.2321, 0.3554

Inverse Universe

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



48.6550, 0.3529, 0.3233



61.4881, 0.3629, 0.3221



56.1669, 0.3528, 0.3509



13.7232, 0.3276, 0.3266



9.2679, 0.6276, 0.3231



0.6502, 0.5982, 0.3069

Previews

White Background



This preview shows how the Yxy color 66.1365, 0.2830, 0.3349 looks on a white background.

Color Contrast Check

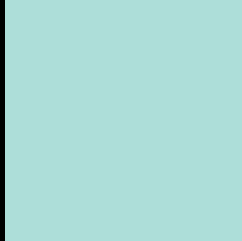
Large Text (above 18pt) WCAG AA × Fail

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 66.1365, 0.2830, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

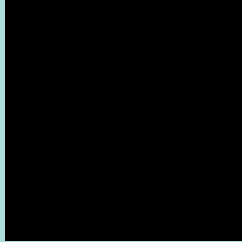
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

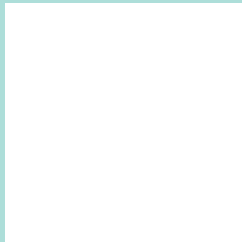
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1365, 0.2830, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 66.1365, 0.2830, 0.3349.

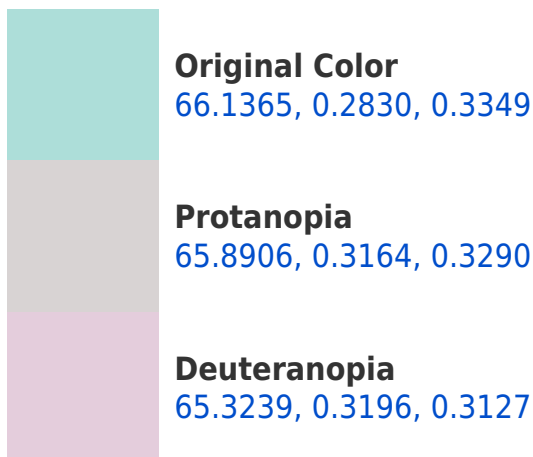


This preview shows how white text looks on a background with the Yxy color 66.1365, 0.2830, 0.3349.

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

66.1246, 0.2737, 0.3080

Trichromacy



Original Color

66.1365, 0.2830, 0.3349

Protanomaly

65.6843, 0.3033, 0.3313

Deuteranomaly

65.1129, 0.3051, 0.3199

Tritanomaly

66.1297, 0.2771, 0.3172

Monochromacy



Original Color

66.1365, 0.2830, 0.3349

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3922, 0.3011, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1365, 0.2830, 0.3349 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(173, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 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(173, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 217) }
```

Border

The CSS property to change the border of an element to Yxy 66.1365, 0.2830, 0.3349 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(173, 222, 217) }
```

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

```
.border{ border-color:rgb(173, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(173, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(173, 222,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1365, 0.2830, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 217) }
```

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

```
.background{ background-color: rgb(173,  
222, 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](#).

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