

Converting Colors

$Yxy(65.1290, 0.2807, 0.3266)$

Have a look what the booklet for
Yxy(65.1290, 0.2807, 0.3266)
contains.

Yxy(64.8822, 0.2810, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.8822, 0.2810, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	AEDBDD
RGB	174, 219, 221
RGB Percent	68%, 86%, 87%
CMY	0.3176, 0.1412, 0.1333
CMYK	0.21, 0.01, 0.00, 0.13
HSL	183°, 41%, 77%
HSV	183°, 21%, 87%
XYZ	55.8404, 64.8822, 77.9977
YIQ	205.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

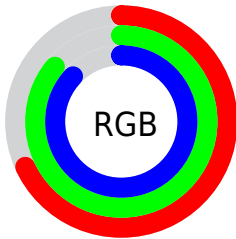
Format	Color
RYB	174, 197, 221
Decimal	11459549
CIELab	84.42, -14.09, -5.81
CIELCh	84, 15.240, 202.406
Yxy	64.8822, 0.2810, 0.3265
Android (android.graphics.Color)	4289649629 (0xFFAEDBDD)
YUV	205.7730, 7.5069, -27.8649
Hunter-Lab	80.5495, -17.2176, -1.0271

Details

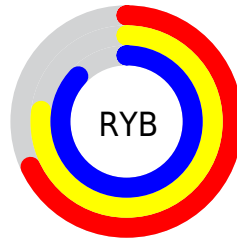
The Yxy color **64.8822, 0.2810, 0.3265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4897, 0.3550, 0.3315**, and the grayscale version is **61.5356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **33.2972, 0.2729, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **62.0588, 0.2676, 0.3252**, and if you desaturate by 10%, it is **68.1313, 0.2955, 0.3277**.

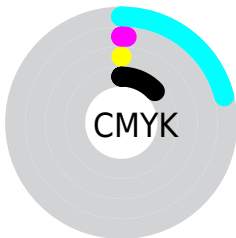
Distribution



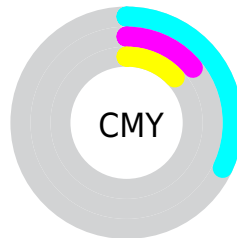
- Red (68%)
- Green (86%)
- Blue (87%)



- Red (68%)
- Yellow (77%)
- Blue (87%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (32%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8822, 0.2810, 0.3265 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 64.8822, 0.2810, 0.3265 by changing the saturation by 10% instead.

 64.8822, 0.2810,
0.3265

 64.8822, 0.2810,
0.3265


442.3685, 0.2959,
0.3279

 47.3656, 0.2776,
0.3261


 111.8805, 0.2862,
0.3270

 33.3247, 0.2733,
0.3257


142.1309, 0.2882,
0.3272

 22.3753, 0.2679,
0.3250


177.3947, 0.2899,
0.3274

 14.1329, 0.2607,
0.3241

218.0564, 0.2914,
0.3275

 8.2132, 0.2508,
0.3226

264.5001, 0.2927,
0.3276

 4.2317, 0.2364,
0.3203

317.1105, 0.2939,

 1.8040, 0.2133,

0.3277

0.3157

376.2718, 0.2949,
0.3278

0.4897, 0.0783,
0.3158

0.0000, 0.0000,
0.0000

64.8822, 0.2810,
0.3265

64.8822, 0.2810,
0.3265

62.0588, 0.2676,
0.3252

68.1313, 0.2955,
0.3277

59.6329, 0.2556,
0.3238

71.8173, 0.3107,
0.3289

57.5848, 0.2452,
0.3224

75.9606, 0.3265,
0.3299

55.8904, 0.2367,
0.3210

79.1450, 0.3370,
0.3309

■ 54.5226, 0.2300,
0.3195

■ 79.6520, 0.3369,
0.3318

■ 53.4501, 0.2253,
0.3181

■ 80.1618, 0.3368,
0.3327

■ 52.6359, 0.2224,
0.3166

■ 80.6744, 0.3366,
0.3337

■ 52.0811, 0.2210,
0.3154

■ 81.1899, 0.3365,
0.3346

■ 81.7082, 0.3364,
0.3356

Harmonies

Analogous

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



64.8822, 0.2940, 0.3442



64.8822, 0.2810, 0.3265



64.8822, 0.2763, 0.3102

Triad

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



64.8822, 0.2810, 0.3265



64.8822, 0.3122, 0.3025



64.8822, 0.3452, 0.3582

Complementary

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



64.8822, 0.2810, 0.3265



49.4897, 0.3550, 0.3315

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.



64.8822, 0.3506, 0.3461



64.8822, 0.2810, 0.3265



64.8822, 0.3312, 0.3144

Square

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



64.8822, 0.2810, 0.3265



64.8822, 0.2939, 0.2971



64.8822, 0.3454, 0.3301



64.8822, 0.3311, 0.3627

Rectangle

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



64.8822, 0.2810, 0.3265



64.8822, 0.2783, 0.3024



64.8822, 0.3454, 0.3301



64.8822, 0.3481, 0.3548

Sweetspot

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



64.8849, 0.2810, 0.3265



96.7952, 0.3034, 0.3283



63.8388, 0.3090, 0.3859



20.6464, 0.3024, 0.3283



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.



64.8849, 0.2810, 0.3265



87.7210, 0.2742, 0.3259



53.6754, 0.2790, 0.2981



14.7289, 0.2982, 0.3279



30.2937, 0.2210, 0.3156



1.9928, 0.2217, 0.3179

Inverse Universe

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



50.7637, 0.3168, 0.2785



64.5646, 0.3178, 0.2666



59.3139, 0.3495, 0.3580



13.2647, 0.3144, 0.3069



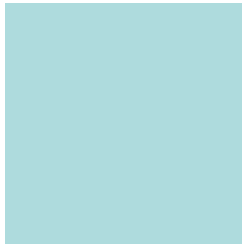
11.6819, 0.3319, 0.1602



0.7599, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 64.8822, 0.2810, 0.3265 looks on a white background.

Color Contrast Check

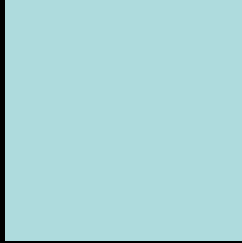
Large Text (above 18pt) WCAG AA × Fail

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 64.8822, 0.2810, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

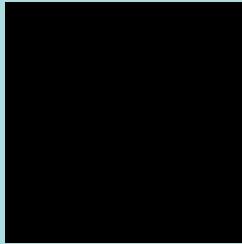
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

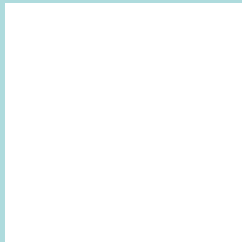
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8822, 0.2810, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 64.8822, 0.2810, 0.3265.

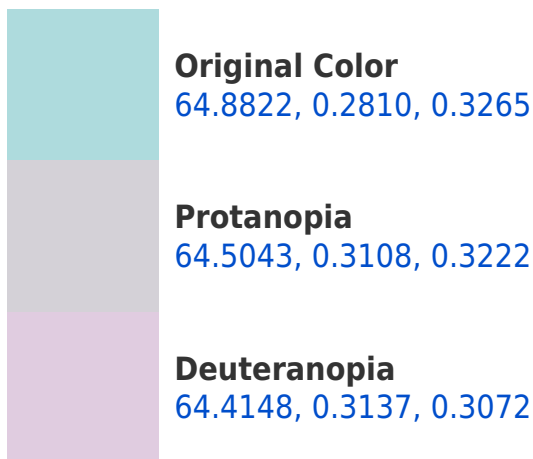


This preview shows how white text looks on a background with the Yxy color 64.8822, 0.2810, 0.3265.

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

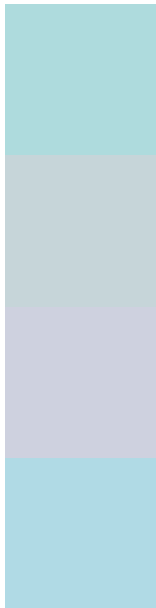




Tritanopia

64.9133, 0.2752, 0.3091

Trichromacy



Original Color

64.8822, 0.2810, 0.3265

Protanomaly

64.6040, 0.2993, 0.3243

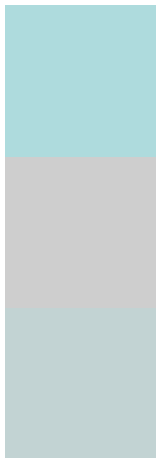
Deuteranomaly

64.0505, 0.3010, 0.3131

Tritanomaly

65.0301, 0.2775, 0.3160

Monochromacy



Original Color

64.8822, 0.2810, 0.3265

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7610, 0.3003, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8822, 0.2810, 0.3265 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(174, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(174, 219, 221)  
}
```

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(174, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 64.8822, 0.2810, 0.3265 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(174, 219, 221) }
```

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

```
.border{ border-color:rgb(174, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(174, 219,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8822, 0.2810, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 219, 221) }
```

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

```
.background{ background-color: rgb(174,  
219, 221) }
```

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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