

Converting Colors

$Yxy(64.8817, 0.2817, 0.3289)$

Have a look what the booklet for
Yxy(64.8817, 0.2817, 0.3289)
contains.

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Color

Yxy(64.6617, 0.2816, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ADDBDB
RGB	173, 219, 219
RGB Percent	68%, 86%, 86%
CMY	0.3213, 0.1412, 0.1412
CMYK	0.21, 0.00, 0.00, 0.14
HSL	180°, 39%, 77%
HSV	180°, 21%, 86%
XYZ	55.3625, 64.6617, 76.5757
YIQ	205.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

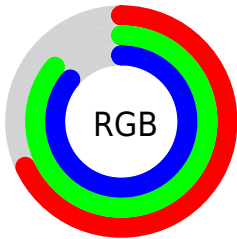
Format	Color
R _Y B	173, 196, 219
Decimal	11394011
CIE Lab	84.31, -14.80, -4.91
CIE LCh	84, 15.591, 198.362
Yxy	64.6617, 0.2816, 0.3289
Android (android.graphics.Color)	4289584091 (0xFFADDDBD)
YUV	205.2460, 6.7807, -28.2797
Hunter-Lab	80.4125, -17.8279, -0.1723

Details

The Yxy color **64.6617, 0.2816, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9974, 0.3547, 0.3291**, and the grayscale version is **61.1939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **33.2243, 0.2744, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **62.3664, 0.2684, 0.3289**, and if you desaturate by 10%, it is **67.3715, 0.2960, 0.3289**.

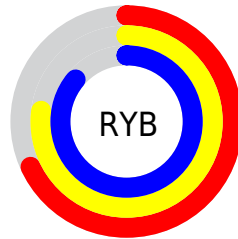
Distribution



Red (68%)

Green (86%)

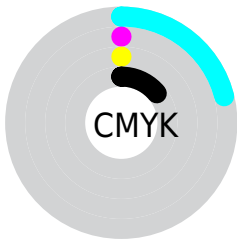
Blue (86%)



Red (68%)

Yellow (77%)

Blue (86%)

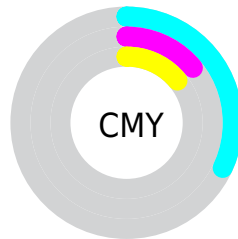


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (32%)


Magenta (14%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6617, 0.2816, 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 64.6617, 0.2816, 0.3289 by changing the saturation by 10% instead.


 64.6617, 0.2816,
0.3289

 64.6617, 0.2816,
0.3289


441.5753, 0.2962,
0.3291

 47.1868, 0.2782,
0.3288


 111.5633, 0.2867,
0.3290

 33.1834, 0.2740,
0.3287

141.7589, 0.2887,
0.3290

 22.2670, 0.2687,
0.3285


176.9635, 0.2904,
0.3291

 14.0532, 0.2616,
0.3281

217.5614, 0.2918,
0.3291

 8.1577, 0.2518,
0.3275

263.9372, 0.2931,
0.3291

 4.1960, 0.2375,
0.3264

316.4752, 0.2943,

 1.7838, 0.2146,

0.3291

375.5597, 0.2953,
0.3291

0.3238

0.4770, 0.0644,
0.3331

0.0000, 0.0000,
0.0000

64.6617, 0.2816,
0.3289

64.6617, 0.2816,
0.3289

62.3664, 0.2684,
0.3289

67.3715, 0.2960,
0.3289

60.4578, 0.2568,
0.3288

70.5064, 0.3112,
0.3290

58.9170, 0.2468,
0.3288


74.0866, 0.3270,
0.3290


57.7203, 0.2387,
0.3288

77.0364, 0.3390,
0.3291


 56.8412, 0.2325,
0.3287


 77.0376, 0.3390,
0.3291

 56.2496, 0.2282,
0.3287


 77.0389, 0.3390,
0.3291

 55.9092, 0.2257,
0.3287

 77.0401, 0.3390,
0.3291

 55.7617, 0.2246,
0.3287

 77.0413, 0.3390,
0.3291

 77.0426, 0.3390,
0.3291

Harmonies

Analogous

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



64.6617, 0.2959, 0.3468



64.6617, 0.2816, 0.3289



64.6617, 0.2755, 0.3117

Triad

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



64.6617, 0.2816, 0.3289



64.6617, 0.3095, 0.3007



64.6617, 0.3474, 0.3576

Complementary

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



64.6617, 0.2816, 0.3289



47.9974, 0.3547, 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.



64.6617, 0.3514, 0.3444



64.6617, 0.2816, 0.3289



64.6617, 0.3292, 0.3121

Square

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



64.6617, 0.2816, 0.3289



64.6617, 0.2912, 0.2962



64.6617, 0.3447, 0.3279



64.6617, 0.3339, 0.3635

Rectangle

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



64.6617, 0.2816, 0.3289



64.6617, 0.2768, 0.3031



64.6617, 0.3447, 0.3279



64.6617, 0.3499, 0.3538

Sweetspot

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



64.6643, 0.2816, 0.3289



97.2117, 0.3034, 0.3290



62.5728, 0.3100, 0.3869



20.7453, 0.3024, 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.



64.6643, 0.2816, 0.3289



89.8444, 0.2759, 0.3289



53.5027, 0.2797, 0.3006



14.8293, 0.2982, 0.3290



33.0662, 0.2246, 0.3287



2.1423, 0.2247, 0.3287

Inverse Universe

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



50.0893, 0.3152, 0.2772



65.8503, 0.3157, 0.2666



57.5748, 0.3493, 0.3559



13.2749, 0.3138, 0.3060



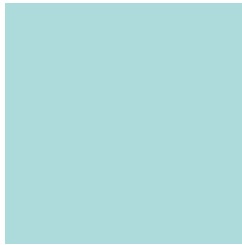
11.9618, 0.3209, 0.1542



0.7750, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 64.6617, 0.2816, 0.3289 looks on a white background.

Color Contrast Check

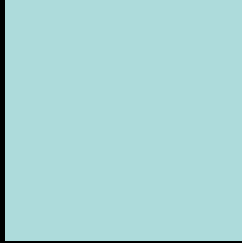
Large Text (above 18pt) WCAG AA × Fail

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 64.6617, 0.2816, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

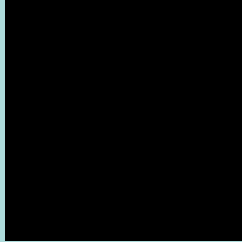
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

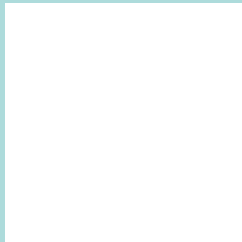
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6617, 0.2816, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 64.6617, 0.2816, 0.3289.

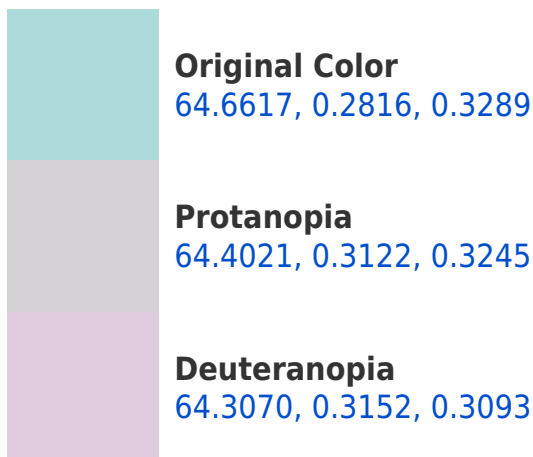


This preview shows how white text looks on a background with the Yxy color 64.6617, 0.2816, 0.3289.

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

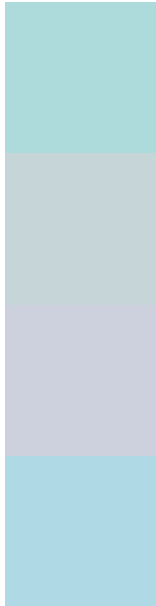




Tritanopia

64.7963, 0.2746, 0.3090

Trichromacy



Original Color

64.6617, 0.2816, 0.3289

Protanomaly

64.5006, 0.3006, 0.3266

Deuteranomaly

63.8005, 0.3016, 0.3153

Tritanomaly

64.9139, 0.2769, 0.3159

Monochromacy



Original Color

64.6617, 0.2816, 0.3289

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.0838, 0.3003, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6617, 0.2816, 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(173, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 219) }
```

Border

The CSS property to change the border of an element to Yxy 64.6617, 0.2816, 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(173, 219, 219) }
```

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

```
.border{ border-color:rgb(173, 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(173, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6617, 0.2816, 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(173, 219, 219) }
```

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

```
.background{ background-color: rgb(173,  
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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