

Converting Colors

$Yxy(64.5104, 0.2906, 0.3306)$

Have a look what the booklet for
Yxy(64.5104, 0.2906, 0.3306)
contains.

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Color

Yxy(64.7224, 0.2910, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	B8D9D7
RGB	184, 217, 215
RGB Percent	72%, 85%, 84%
CMY	0.2783, 0.1490, 0.1569
CMYK	0.15, 0.00, 0.01, 0.15
HSL	176°, 30%, 79%
HSV	176°, 15%, 85%
XYZ	56.8494, 64.7224, 73.7871
YIQ	206.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

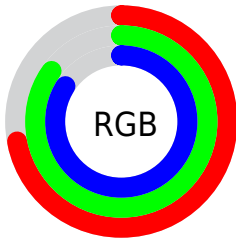
Format	Color
RYB	184, 201, 217
Decimal	12114391
CIELab	84.34, -11.23, -2.67
CIElCh	84, 11.540, 193.385
Yxy	64.7224, 0.2910, 0.3313
Android (android.graphics.Color)	4290304471 (0xFFB8D9D7)
YUV	206.9050, 3.9908, -20.0877
Hunter-Lab	80.4502, -14.6525, 1.9358

Details

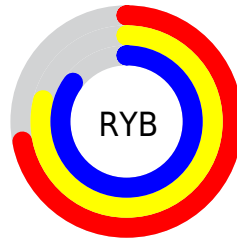
The Yxy color **64.7224, 0.2910, 0.3313** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5878, 0.3394, 0.3267**, and the grayscale version is **62.3193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.2040, 0.2863, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **62.1799, 0.2778, 0.3330**, and if you desaturate by 10%, it is **67.6819, 0.3051, 0.3298**.

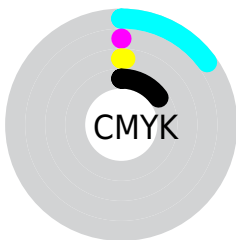
Distribution



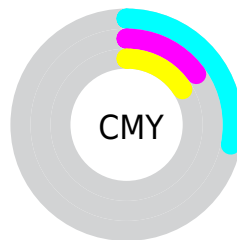
- Red (72%)
- Green (85%)
- Blue (84%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7224, 0.2910, 0.3313 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 64.7224, 0.2910, 0.3313 by changing the saturation by 10% instead.

■ 64.7224, 0.2910,
0.3313

■ 64.7224, 0.2910,
0.3313

441.7937, 0.3012,
0.3303

■ 47.2360, 0.2886,
0.3315

■ 111.6507, 0.2946,
0.3310

■ 33.2223, 0.2857,
0.3318

141.8613, 0.2960,
0.3308

■ 22.2968, 0.2819,
0.3321

177.0822, 0.2971,
0.3307

■ 14.0751, 0.2768,
0.3325

217.6977, 0.2982,
0.3306

■ 8.1729, 0.2699,
0.3330

264.0922, 0.2991,
0.3305

■ 4.2058, 0.2596,
0.3336

316.6501, 0.2999,

■ 1.7893, 0.2428,

0.3304

375.7558, 0.3006,
0.3304

0.3344

0.4805, 0.1330,
0.3499

0.0000, 0.0000,
0.0000

64.7224, 0.2910,
0.3313

64.7224, 0.2910,
0.3313

62.1799, 0.2778,
0.3330

67.6819, 0.3051,
0.3298

60.0276, 0.2658,
0.3348


71.0678, 0.3199,
0.3283


58.2482, 0.2553,
0.3367


74.8993, 0.3349,
0.3271

56.8197, 0.2466,
0.3387


76.0667, 0.3384,
0.3258

 55.7179, 0.2396,
0.3407


 76.1367, 0.3374,
0.3245


 54.9157, 0.2347,
0.3427

 76.2073, 0.3365,
0.3232


 54.3813, 0.2316,
0.3447

 76.2784, 0.3356,
0.3218

 54.0760, 0.2302,
0.3467

 76.3501, 0.3346,
0.3205

 53.9784, 0.2299,
0.3477

 76.4223, 0.3337,
0.3192

Harmonies

Analogous

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



64.7224, 0.3025, 0.3440



64.7224, 0.2910, 0.3313



64.7224, 0.2853, 0.3183

Triad

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



64.7224, 0.2910, 0.3313



64.7224, 0.3080, 0.3069



64.7224, 0.3393, 0.3490

Complementary

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



64.7224, 0.2910, 0.3313



52.5878, 0.3394, 0.3267

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.



64.7224, 0.3410, 0.3387



64.7224, 0.2910, 0.3313



64.7224, 0.3227, 0.3147

Square

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



64.7224, 0.2910, 0.3313



64.7224, 0.2949, 0.3046



64.7224, 0.3348, 0.3262



64.7224, 0.3305, 0.3542

Rectangle

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



64.7224, 0.2910, 0.3313



64.7224, 0.2854, 0.3113



64.7224, 0.3348, 0.3262



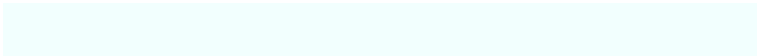
64.7224, 0.3408, 0.3460

Sweetspot

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



64.7251, 0.2910, 0.3313



97.6119, 0.3053, 0.3297



63.5540, 0.3124, 0.3692



20.8238, 0.3043, 0.3298



0.0000, 0.0000, 0.0000



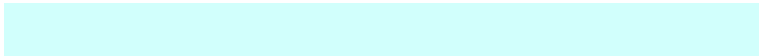
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7251, 0.2910, 0.3313



92.1321, 0.2870, 0.3318



57.7775, 0.2891, 0.3117



14.8152, 0.2990, 0.3304



32.6815, 0.2298, 0.3474



2.1215, 0.2289, 0.3441

Inverse Universe

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



52.5878, 0.3394, 0.3267



71.6574, 0.3457, 0.3263



58.7444, 0.3385, 0.3457



13.0642, 0.3282, 0.3276



8.9529, 0.6332, 0.3262



0.5846, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 64.7224, 0.2910, 0.3313 looks on a white background.

Color Contrast Check

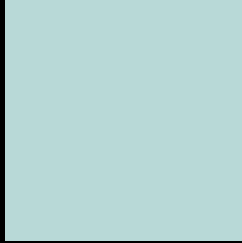
Large Text (above 18pt) WCAG AA × Fail

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 64.7224, 0.2910, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

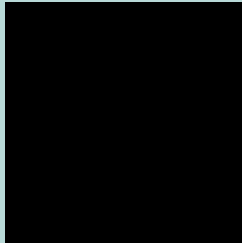
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

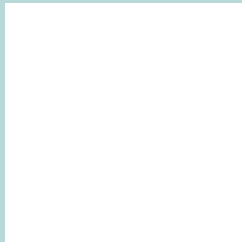
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7224, 0.2910, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 64.7224, 0.2910, 0.3313.

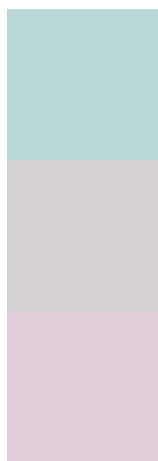


This preview shows how white text looks on a background with the Yxy color 64.7224, 0.2910, 0.3313.

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

64.7224, 0.2910, 0.3313

Protanopia

64.4002, 0.3150, 0.3279

Deuteranopia

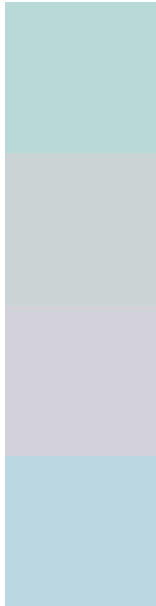
64.5786, 0.3203, 0.3138



Tritanopia

64.4841, 0.2824, 0.3081

Trichromacy



Original Color

64.7224, 0.2910, 0.3313

Protanomaly

64.3970, 0.3054, 0.3290

Deuteranomaly

64.4596, 0.3087, 0.3200

Tritanomaly

64.5310, 0.2855, 0.3161

Monochromacy



Original Color

64.7224, 0.2910, 0.3313

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3838, 0.3046, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7224, 0.2910, 0.3313 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(184, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 215)  
}
```

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(184, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.7224, 0.2910, 0.3313 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(184, 217, 215) }
```

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

```
.border{ border-color:rgb(184, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7224, 0.2910, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 215) }
```

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

```
.background{ background-color: rgb(184,  
217, 215) }
```

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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