

Converting Colors

Yxy(62.5888, 0.2909, 0.3333)

Have a look what the booklet for
Yxy(62.5888, 0.2909, 0.3333)
contains.

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Color

Yxy(62.4996, 0.2907, 0.3326)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4D6D3 |
| RGB | 180, 214, 211 |
| RGB Percent | 71%, 84%, 83% |
| CMY | 0.2940, 0.1608, 0.1727 |
| CMYK | 0.16, 0.00, 0.01, 0.16 |
| HSL | 175°, 29%, 77% |
| HSV | 175°, 16%, 84% |
| XYZ | 54.6261, 62.4996, 70.7865 |
| YIQ | 203.4920, -19.3010, -8.1410 |

Conversions

Conversions Part 2

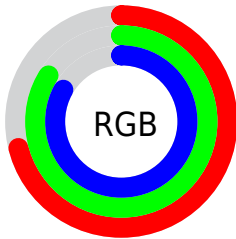
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 198, 214 |
| Decimal | 11851475 |
| CIELab | 83.18, -11.78, -2.26 |
| CIELCh | 83, 11.998, 190.862 |
| Yxy | 62.4996, 0.2907, 0.3326 |
| Android (android.graphics.Color) | 4290041555 (0xFFB4D6D3) |
| YUV | 203.4920, 3.7014, -20.6025 |
| Hunter-Lab | 79.0567, -15.0104, 2.2520 |

Details

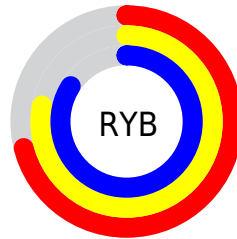
The Yxy color **62.4996, 0.2907, 0.3326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3691, 0.3399, 0.3255**, and the grayscale version is **60.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **31.7426, 0.2850, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **60.0331, 0.2779, 0.3351**, and if you desaturate by 10%, it is **65.3690, 0.3044, 0.3303**.

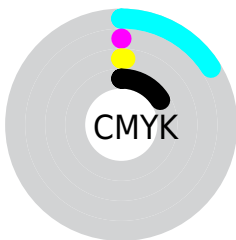
Distribution



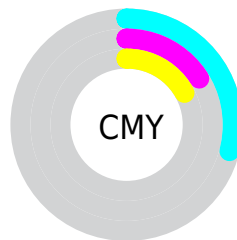
- Red (71%)
- Green (84%)
- Blue (83%)



- Red (71%)
- Yellow (78%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4996, 0.2907, 0.3326 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 62.4996, 0.2907, 0.3326 by changing the saturation by 10% instead.


 62.4996, 0.2907,
0.3326

 62.4996, 0.2907,
0.3326

433.7511, 0.3011,
0.3310

 45.4365, 0.2883,
0.3330


 108.4473, 0.2944,
0.3320

 31.8014, 0.2852,
0.3334


138.1006, 0.2958,
0.3318

 21.2098, 0.2813,
0.3340


172.7195, 0.2970,
0.3316

 13.2775, 0.2761,
0.3347

212.6884, 0.2980,
0.3315

 7.6199, 0.2688,
0.3357

258.3916, 0.2990,
0.3313

 3.8527, 0.2579,
0.3370

310.2135, 0.2998,

 1.5915, 0.2399,

0.3312

0.3390

368.5386, 0.3005,
0.3311

0.3519, 0.0498,
0.3744

0.0000, 0.0000,
0.0000

62.4996, 0.2907,
0.3326

62.4996, 0.2907,
0.3326

60.0331, 0.2779,
0.3351

65.3690, 0.3044,
0.3303

57.9435, 0.2663,
0.3378

68.6505, 0.3187,
0.3282


56.2140, 0.2562,
0.3407

72.3626, 0.3333,
0.3263

54.8231, 0.2477,
0.3437


74.4499, 0.3400,
0.3244

 53.7475, 0.2411,
0.3467


 74.5512, 0.3386,
0.3225

 52.9604, 0.2365,
0.3498


 74.6536, 0.3372,
0.3206

 52.4311, 0.2337,
0.3528

 74.7572, 0.3358,
0.3186

 52.1211, 0.2327,
0.3558

 74.8620, 0.3345,
0.3167

 52.0284, 0.2325,
0.3571

 74.9679, 0.3331,
0.3148

Harmonies

Analogous

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



62.4996, 0.3032, 0.3458



62.4996, 0.2907, 0.3326



62.4996, 0.2841, 0.3188

Triad

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



62.4996, 0.2907, 0.3326



62.4996, 0.3065, 0.3053



62.4996, 0.3412, 0.3492

Complementary

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



62.4996, 0.2907, 0.3326



50.3691, 0.3399, 0.3255

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.



62.4996, 0.3422, 0.3381



62.4996, 0.2907, 0.3326



62.4996, 0.3219, 0.3131

Square

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



62.4996, 0.2907, 0.3326



62.4996, 0.2930, 0.3035



62.4996, 0.3351, 0.3249



62.4996, 0.3324, 0.3553

Rectangle

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



62.4996, 0.2907, 0.3326



62.4996, 0.2838, 0.3112



62.4996, 0.3351, 0.3249



62.4996, 0.3425, 0.3459

Sweetspot

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



62.5022, 0.2907, 0.3326



97.5882, 0.3055, 0.3301



61.5100, 0.3132, 0.3711



20.8181, 0.3045, 0.3302



0.0000, 0.0000, 0.0000



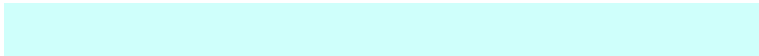
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5022, 0.2907, 0.3326



91.6645, 0.2864, 0.3334



56.0601, 0.2881, 0.3123



14.0878, 0.2994, 0.3311



31.4545, 0.2324, 0.3566



1.9029, 0.2309, 0.3514

Inverse Universe

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



50.3691, 0.3399, 0.3255



70.3654, 0.3469, 0.3247



56.0048, 0.3400, 0.3451



12.4387, 0.3277, 0.3269



8.6764, 0.6293, 0.3240



0.5297, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 62.4996, 0.2907, 0.3326 looks on a white background.

Color Contrast Check

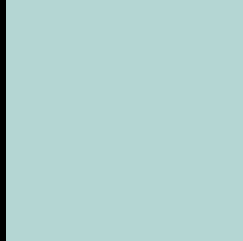
Large Text (above 18pt) WCAG AA × Fail

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 62.4996, 0.2907, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

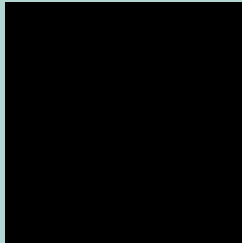
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

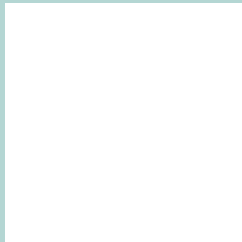
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4996, 0.2907, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 62.4996, 0.2907, 0.3326.

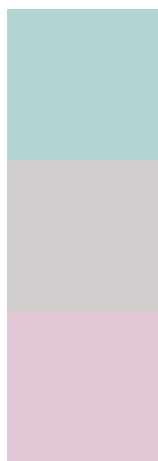


This preview shows how white text looks on a background with the Yxy color 62.4996, 0.2907, 0.3326.

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

62.4996, 0.2907, 0.3326

Protanopia

62.3005, 0.3158, 0.3290

Deuteranopia

62.0109, 0.3212, 0.3135



Tritanopia

62.2572, 0.2820, 0.3090

Trichromacy



Original Color

62.4996, 0.2907, 0.3326

Protanomaly

62.2971, 0.3060, 0.3302

Deuteranomaly

61.8766, 0.3094, 0.3198

Tritanomaly

62.3060, 0.2851, 0.3171

Monochromacy



Original Color

62.4996, 0.2907, 0.3326

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.6840, 0.3045, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4996, 0.2907, 0.3326 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(180, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 211)  
}
```

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(180, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 211) }
```

Border

The CSS property to change the border of an element to Yxy 62.4996, 0.2907, 0.3326 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(180, 214, 211) }
```

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

```
.border{ border-color:rgb(180, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4996, 0.2907, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 211) }
```

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

```
.background{ background-color: rgb(180,  
214, 211) }
```

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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