

Converting Colors

$Yxy(62.3849, 0.2768, 0.3324)$

Have a look what the booklet for
Yxy(62.3849, 0.2768, 0.3324)
contains.

Yxy(62.1091, 0.2762, 0.3314)	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(62.1091, 0.2762, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	A1D9D7
RGB	161, 217, 215
RGB Percent	63%, 85%, 84%
CMY	0.3689, 0.1489, 0.1569
CMYK	0.26, 0.00, 0.01, 0.15
HSL	178°, 42%, 74%
HSV	178°, 26%, 85%
XYZ	51.7638, 62.1091, 73.5414
YIQ	200.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

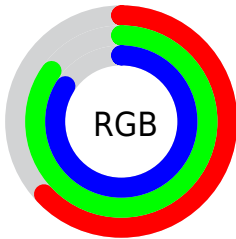
Format	Color
RYB	161, 190, 217
Decimal	10607063
CIELab	82.97, -18.28, -4.84
CIELCh	83, 18.911, 194.819
Yxy	62.1091, 0.2762, 0.3314
Android (android.graphics.Color)	4288797143 (0xFFA1D9D7)
YUV	200.0280, 7.3812, -34.2276
Hunter-Lab	78.8093, -20.6733, -0.1603

Details

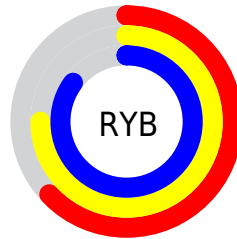
The Yxy color **62.1091, 0.2762, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8618, 0.3656, 0.3267**, and the grayscale version is **57.7380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **31.5669, 0.2678, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **60.0102, 0.2641, 0.3325**, and if you desaturate by 10%, it is **64.6045, 0.2896, 0.3304**.

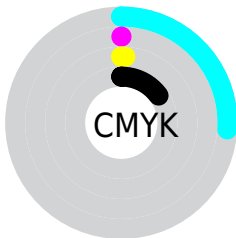
Distribution



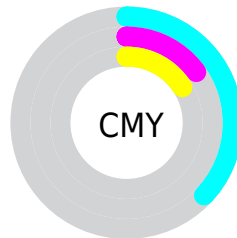
- Red (63%)
- Green (85%)
- Blue (84%)



- Red (63%)
- Yellow (75%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)





- Cyan (37%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1091, 0.2762, 0.3314 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 62.1091, 0.2762, 0.3314 by changing the saturation by 10% instead.


 62.1091, 0.2762,
0.3314

 62.1091, 0.2762,
0.3314


432.3289, 0.2934,
0.3305

 45.1209, 0.2722,
0.3316


 107.8832, 0.2822,
0.3311

 31.5526, 0.2672,
0.3317


 137.4378, 0.2846,
0.3310

 21.0200, 0.2608,
0.3319


171.9501, 0.2866,
0.3309

 13.1386, 0.2523,
0.3321

211.8043, 0.2883,
0.3308

 7.5241, 0.2405,
0.3321

257.3849, 0.2898,
0.3307

 3.7920, 0.2232,
0.3318

309.0763, 0.2912,

 1.5579, 0.1952,

0.3306

367.2628, 0.2924,
0.3305

0.3303

0.3290, 0.0000,
0.3208

0.0000, 0.0000,
0.0000

62.1091, 0.2762,
0.3314

62.1091, 0.2762,
0.3314

60.0102, 0.2641,
0.3325

64.6045, 0.2896,
0.3304

58.2799, 0.2535,
0.3336

67.5076, 0.3040,
0.3295

56.8989, 0.2447,
0.3347


70.8384, 0.3190,
0.3287

55.8426, 0.2377,
0.3359

74.6134, 0.3345,
0.3279


 55.0837, 0.2327,
0.3371


 76.0067, 0.3393,
0.3272


 54.5901, 0.2295,
0.3383


 76.0482, 0.3388,
0.3264

 54.3222, 0.2281,
0.3395

 76.0899, 0.3382,
0.3256

 54.2478, 0.2278,
0.3400

 76.1318, 0.3377,
0.3248

 76.1739, 0.3371,
0.3240

Harmonies

Analogous

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



62.1091, 0.2945, 0.3533



62.1091, 0.2762, 0.3314



62.1091, 0.2675, 0.3098

Triad

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



62.1091, 0.2762, 0.3314



62.1091, 0.3058, 0.2934



62.1091, 0.3566, 0.3624

Complementary

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



62.1091, 0.2762, 0.3314



42.8618, 0.3656, 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.



62.1091, 0.3601, 0.3453



62.1091, 0.2762, 0.3314



62.1091, 0.3302, 0.3064

Square

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



62.1091, 0.2762, 0.3314



62.1091, 0.2841, 0.2890



62.1091, 0.3504, 0.3250



62.1091, 0.3410, 0.3713

Rectangle

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



62.1091, 0.2762, 0.3314



62.1091, 0.2681, 0.2987



62.1091, 0.3504, 0.3250



62.1091, 0.3592, 0.3574

Sweetspot

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



62.1116, 0.2762, 0.3314



96.2866, 0.3007, 0.3297



60.0710, 0.3112, 0.4021



20.4694, 0.2985, 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.



62.1116, 0.2762, 0.3314



87.7812, 0.2694, 0.3320



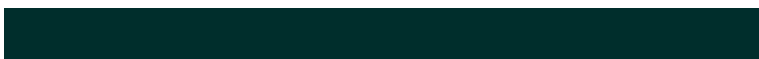
50.1823, 0.2721, 0.2967



14.8210, 0.2987, 0.3298



32.8352, 0.2277, 0.3398



2.1298, 0.2272, 0.3379

Inverse Universe

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



42.8618, 0.3656, 0.3267



55.5382, 0.3810, 0.3262



52.5145, 0.3601, 0.3592



13.0591, 0.3286, 0.3282



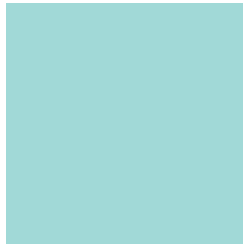
8.9437, 0.6360, 0.3277



0.5822, 0.6237, 0.3209

Previews

White Background



This preview shows how the Yxy color 62.1091, 0.2762, 0.3314 looks on a white background.

Color Contrast Check

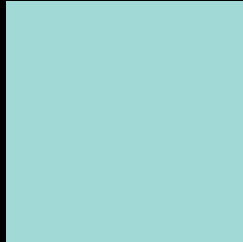
Large Text (above 18pt) WCAG AA × Fail

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 62.1091, 0.2762, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

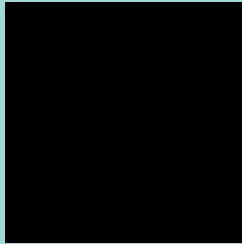
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

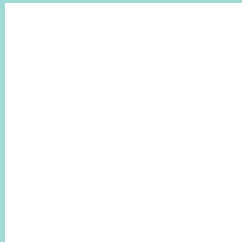
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1091, 0.2762, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 62.1091, 0.2762, 0.3314.

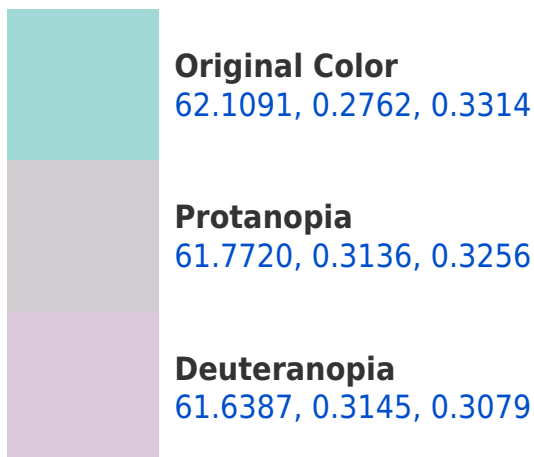


This preview shows how white text looks on a background with the Yxy color 62.1091, 0.2762, 0.3314.

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

61.9187, 0.2686, 0.3073

Trichromacy



Original Color

62.1091, 0.2762, 0.3314

Protanomaly

61.5105, 0.2989, 0.3266

Deuteranomaly

61.3467, 0.2993, 0.3150

Tritanomaly

61.9844, 0.2715, 0.3156

Monochromacy



Original Color

62.1091, 0.2762, 0.3314

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.9895, 0.2986, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1091, 0.2762, 0.3314 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(161, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 62.1091, 0.2762, 0.3314 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(161, 217, 215) }
```

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

```
.border{ border-color:rgb(161, 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(161, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(161, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1091, 0.2762, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 217, 215) }
```

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

```
.background{ background-color: rgb(161,  
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](#).

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