

Converting Colors

$Yxy(62.0356, 0.2865, 0.3289)$

Have a look what the booklet for
Yxy(62.0356, 0.2865, 0.3289)
contains.

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Color

Yxy(62.1783, 0.2861, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B0D6D6
RGB	176, 214, 214
RGB Percent	69%, 84%, 84%
CMY	0.3099, 0.1608, 0.1607
CMYK	0.18, 0.00, 0.00, 0.16
HSL	180°, 32%, 76%
HSV	180°, 18%, 84%
XYZ	54.0870, 62.1783, 72.7840
YIQ	202.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

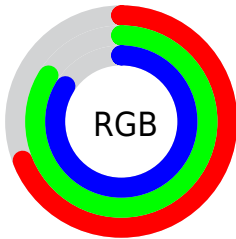
Format	Color
R _{YB}	176, 195, 214
Decimal	11589334
CIE _{Lab}	83.01, -12.42, -4.17
CIE _{LCh}	83, 13.102, 198.553
Y _{xy}	62.1783, 0.2861, 0.3289
Android (android.graphics.Color)	4289779414 (0xFFB0D6D6)
Y _{UV}	202.6380, 5.6015, -23.3615
Hunter-Lab	78.8532, -15.5564, 0.4707

Details

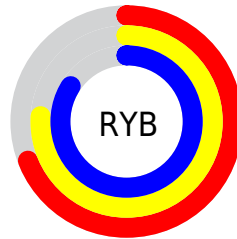
The Yxy color **62.1783, 0.2861, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4820, 0.3469, 0.3291**, and the grayscale version is **59.4568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **31.5104, 0.2800, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **59.8754, 0.2725, 0.3289**, and if you desaturate by 10%, it is **64.8796, 0.3008, 0.3290**.

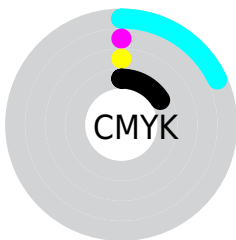
Distribution



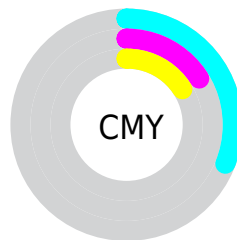
- Red (69%)
- Green (84%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (31%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1783, 0.2861, 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 62.1783, 0.2861, 0.3289 by changing the saturation by 10% instead.

 62.1783, 0.2861,
0.3289

 62.1783, 0.2861,
0.3289


432.5812, 0.2987,
0.3291

 45.1768, 0.2832,
0.3288


 107.9832, 0.2905,
0.3290

 31.5967, 0.2795,
0.3287


137.5553, 0.2922,
0.3290

 21.0536, 0.2748,
0.3286


172.0865, 0.2937,
0.3290

 13.1632, 0.2685,
0.3283

211.9611, 0.2950,
0.3290

 7.5410, 0.2598,
0.3278

257.5634, 0.2961,
0.3291

 3.8027, 0.2468,
0.3269

309.2780, 0.2970,

 1.5638, 0.2255,

0.3291

0.3248

367.4891, 0.2979,
0.3291

0.3330, 0.0133,
0.3329

0.0000, 0.0000,
0.0000

62.1783, 0.2861,
0.3289

62.1783, 0.2861,
0.3289

59.8754, 0.2725,
0.3289

64.8796, 0.3008,
0.3290

57.9449, 0.2604,
0.3288


67.9888, 0.3162,
0.3290


56.3695, 0.2498,
0.3288

71.5246, 0.3322,
0.3291

55.1274, 0.2411,
0.3287

74.2313, 0.3433,
0.3291


 54.1947, 0.2343,
0.3287


 74.2358, 0.3433,
0.3291

 53.5440, 0.2294,
0.3287


 74.2403, 0.3433,
0.3291


 53.1434, 0.2264,
0.3286

 74.2448, 0.3433,
0.3291

 52.9478, 0.2249,
0.3286

 74.2493, 0.3433,
0.3291

 52.9161, 0.2246,
0.3286

 74.2539, 0.3433,
0.3292

Harmonies

Analogous

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



62.1783, 0.2983, 0.3440



62.1783, 0.2861, 0.3289



62.1783, 0.2809, 0.3143

Triad

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



62.1783, 0.2861, 0.3289



62.1783, 0.3102, 0.3048



62.1783, 0.3421, 0.3535

Complementary

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



62.1783, 0.2861, 0.3289



48.4820, 0.3469, 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.



62.1783, 0.3456, 0.3423



62.1783, 0.2861, 0.3289



62.1783, 0.3269, 0.3146

Square

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



62.1783, 0.2861, 0.3289



62.1783, 0.2945, 0.3009



62.1783, 0.3400, 0.3282



62.1783, 0.3307, 0.3583

Rectangle

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



62.1783, 0.2861, 0.3289



62.1783, 0.2820, 0.3069



62.1783, 0.3400, 0.3282



62.1783, 0.3443, 0.3503

Sweetspot

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



62.1809, 0.2861, 0.3289



97.6581, 0.3049, 0.3290



60.4664, 0.3105, 0.3771



20.8351, 0.3038, 0.3290



0.0000, 0.0000, 0.0000



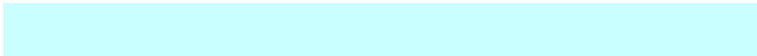
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1809, 0.2861, 0.3289



91.2057, 0.2813, 0.3289



53.1146, 0.2849, 0.3054



14.1070, 0.2983, 0.3289



31.9769, 0.2246, 0.3286



1.9290, 0.2246, 0.3286

Inverse Universe

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



50.1975, 0.3148, 0.2852



70.4620, 0.3152, 0.2766



56.4641, 0.3430, 0.3516



12.6326, 0.3138, 0.3060



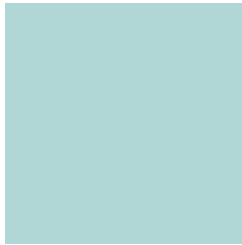
11.5729, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 62.1783, 0.2861, 0.3289 looks on a white background.

Color Contrast Check

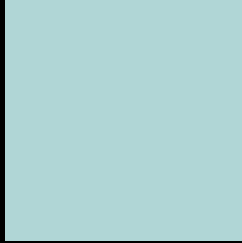
Large Text (above 18pt) WCAG AA × Fail

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 62.1783, 0.2861, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

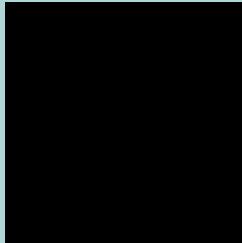
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

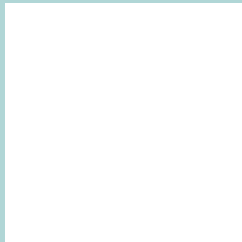
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1783, 0.2861, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 62.1783, 0.2861, 0.3289.

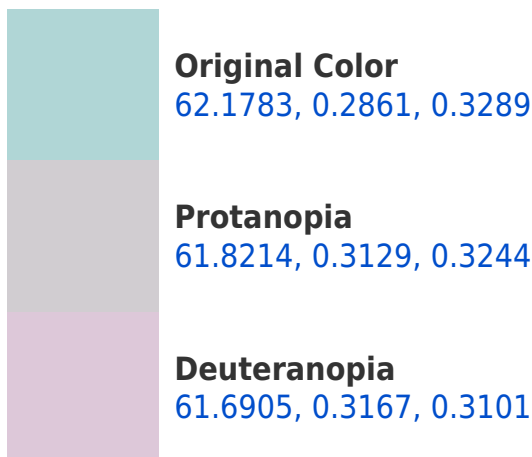


This preview shows how white text looks on a background with the Yxy color 62.1783, 0.2861, 0.3289.

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

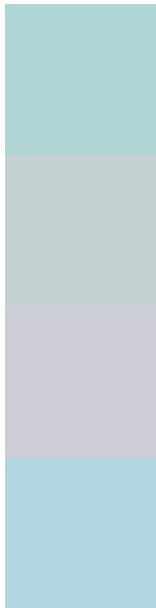




Tritanopia

62.3278, 0.2789, 0.3089

Trichromacy



Original Color

62.1783, 0.2861, 0.3289

Protanomaly

61.6852, 0.3025, 0.3255

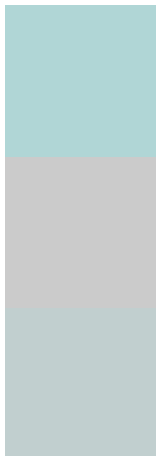
Deuteranomaly

61.5996, 0.3051, 0.3163

Tritanomaly

62.4353, 0.2813, 0.3158

Monochromacy



Original Color

62.1783, 0.2861, 0.3289

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4681, 0.3023, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1783, 0.2861, 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(176, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 214)  
}
```

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(176, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 214) }
```

Border

The CSS property to change the border of an element to Yxy 62.1783, 0.2861, 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(176, 214, 214) }
```

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

```
.border{ border-color:rgb(176, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(176, 214,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1783, 0.2861, 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(176, 214, 214) }
```

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

```
.background{ background-color: rgb(176,  
214, 214) }
```

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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