

Converting Colors

$Yxy(61.0515, 0.2789, 0.3289)$

Have a look what the booklet for
Yxy(61.0515, 0.2789, 0.3289)
contains.

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Color

Yxy(60.9475, 0.2790, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A5D6D6
RGB	165, 214, 214
RGB Percent	65%, 84%, 84%
CMY	0.3530, 0.1608, 0.1608
CMYK	0.23, 0.00, 0.00, 0.16
HSL	180°, 37%, 74%
HSV	180°, 23%, 84%
XYZ	51.7007, 60.9475, 72.6589
YIQ	199.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

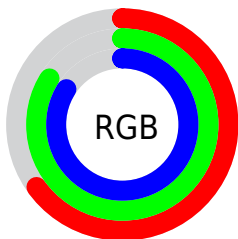
Format	Color
R _{YB}	165, 190, 214
Decimal	10868438
CIE Lab	82.35, -15.77, -5.20
CIE LCh	82, 16.608, 198.256
Yxy	60.9475, 0.2790, 0.3289
Android (android.graphics.Color)	4289058518 (0xFFA5D6D6)
YUV	199.3490, 7.2229, -30.1241
Hunter-Lab	78.0689, -18.4099, -0.5331

Details

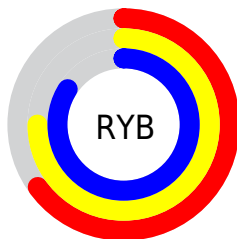
The Yxy color **60.9475, 0.2790, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9229, 0.3595, 0.3291**, and the grayscale version is **57.3074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **30.7442, 0.2710, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **58.8440, 0.2661, 0.3289**, and if you desaturate by 10%, it is **63.4400, 0.2931, 0.3289**.

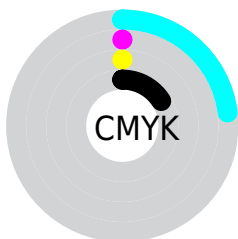
Distribution



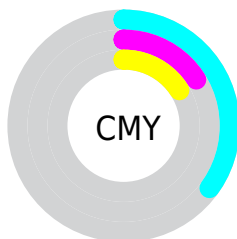
- Red (65%)
- Green (84%)
- Blue (84%)



- Red (65%)
- Yellow (75%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (35%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9475, 0.2790, 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 60.9475, 0.2790, 0.3289 by changing the saturation by 10% instead.


 60.9475, 0.2790,
0.3289

 60.9475, 0.2790,
0.3289


428.0815, 0.2950,
0.3291

 44.1828, 0.2753,
0.3288


 106.2029, 0.2846,
0.3290

 30.8142, 0.2706,
0.3286


 135.4624, 0.2868,
0.3291

 20.4574, 0.2646,
0.3284


169.6557, 0.2886,
0.3291

 12.7280, 0.2567,
0.3279

209.1670, 0.2902,
0.3291

 7.2415, 0.2456,
0.3272

254.3809, 0.2916,
0.3291

 3.6136, 0.2292,
0.3257

305.6816, 0.2929,

 1.4599, 0.2024,

0.3291

363.4537, 0.2940,
0.3291

0.3223

0.2602, 0.0000,
0.2868

0.0000, 0.0000,
0.0000

60.9475, 0.2790,
0.3289

60.9475, 0.2790,
0.3289

58.8440, 0.2661,
0.3289

63.4400, 0.2931,
0.3289

57.1028, 0.2548,
0.3288


66.3317, 0.3082,
0.3290


55.7058, 0.2451,
0.3288

69.6418, 0.3239,
0.3290


54.6301, 0.2374,
0.3288


73.3860, 0.3400,
0.3291


 53.8501, 0.2316,
0.3288


 74.2111, 0.3433,
0.3291


 53.3366, 0.2277,
0.3288

 74.2111, 0.3433,
0.3291

 53.0539, 0.2255,
0.3288

 74.2111, 0.3433,
0.3291

 52.9507, 0.2247,
0.3287

 74.2112, 0.3433,
0.3291

 74.2112, 0.3433,
0.3291

Harmonies

Analogous

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



60.9475, 0.2945, 0.3484



60.9475, 0.2790, 0.3289



60.9475, 0.2724, 0.3102

Triad

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



60.9475, 0.2790, 0.3289



60.9475, 0.3091, 0.2983



60.9475, 0.3504, 0.3600

Complementary

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



60.9475, 0.2790, 0.3289



43.9229, 0.3595, 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.



60.9475, 0.3548, 0.3455



60.9475, 0.2790, 0.3289



60.9475, 0.3305, 0.3106

Square

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



60.9475, 0.2790, 0.3289



60.9475, 0.2893, 0.2935



60.9475, 0.3475, 0.3276



60.9475, 0.3357, 0.3665

Rectangle

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



60.9475, 0.2790, 0.3289



60.9475, 0.2737, 0.3009



60.9475, 0.3475, 0.3276



60.9475, 0.3531, 0.3558

Sweetspot

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



60.9500, 0.2790, 0.3289



96.7703, 0.3018, 0.3290



58.8991, 0.3103, 0.3928



20.6563, 0.3009, 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.



60.9500, 0.2790, 0.3289



89.1978, 0.2732, 0.3289



49.8192, 0.2767, 0.2987



14.1079, 0.2983, 0.3290



32.0036, 0.2247, 0.3287



1.9303, 0.2247, 0.3287

Inverse Universe

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



43.9229, 0.3595, 0.3291



59.9927, 0.3715, 0.3292



53.2730, 0.3533, 0.3575



12.4208, 0.3291, 0.3290



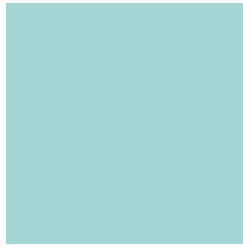
8.6411, 0.6401, 0.3300



0.5212, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 60.9475, 0.2790, 0.3289 looks on a white background.

Color Contrast Check

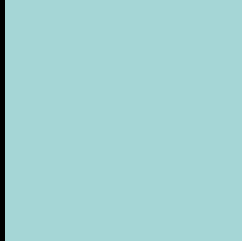
Large Text (above 18pt) WCAG AA × Fail

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 60.9475, 0.2790, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

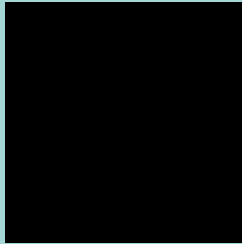
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

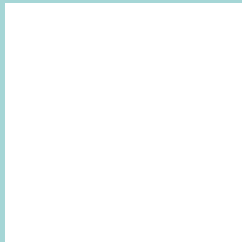
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9475, 0.2790, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 60.9475, 0.2790, 0.3289.

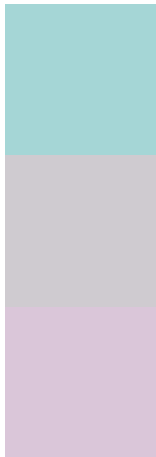


This preview shows how white text looks on a background with the Yxy color 60.9475, 0.2790, 0.3289.

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



Original Color

60.9475, 0.2790, 0.3289

Protanopia

60.5313, 0.3122, 0.3232

Deuteranopia

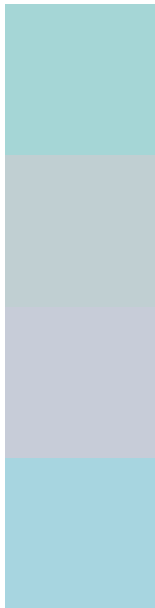
60.3033, 0.3145, 0.3077



Tritanopia

61.0689, 0.2719, 0.3085

Trichromacy



Original Color

60.9475, 0.2790, 0.3289

Protanomaly

60.4853, 0.2996, 0.3254

Deuteranomaly

60.2857, 0.3006, 0.3150

Tritanomaly

61.1858, 0.2743, 0.3156

Monochromacy



Original Color

60.9475, 0.2790, 0.3289

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1102, 0.3000, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9475, 0.2790, 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(165, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 214, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.9475, 0.2790, 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(165, 214, 214) }
```

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

```
.border{ border-color:rgb(165, 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(165, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 214,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9475, 0.2790, 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(165, 214, 214) }
```

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

```
.background{ background-color: rgb(165,  
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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