

Converting Colors

$Yxy(61.2993, 0.2815, 0.3305)$

Have a look what the booklet for
Yxy(61.2993, 0.2815, 0.3305)
contains.

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Color

Yxy(61.2221, 0.2815, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	A8D6D5
RGB	168, 214, 213
RGB Percent	66%, 84%, 84%
CMY	0.3412, 0.1608, 0.1646
CMYK	0.21, 0.00, 0.00, 0.16
HSL	179°, 36%, 75%
HSV	179°, 21%, 84%
XYZ	52.2085, 61.2221, 72.0347
YIQ	200.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

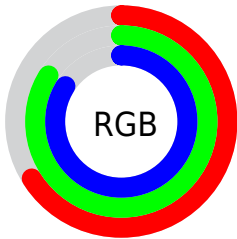
Format	Color
RYB	168, 191, 214
Decimal	11065045
CIELab	82.50, -15.08, -4.45
CIElCh	82, 15.718, 196.433
Yxy	61.2221, 0.2815, 0.3301
Android (android.graphics.Color)	4289255125 (0xFFA8D6D5)
YUV	200.1320, 6.3439, -28.1798
Hunter-Lab	78.2446, -17.8243, 0.1867

Details

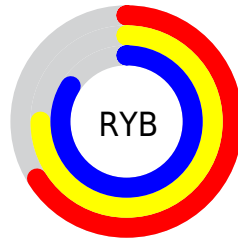
The Yxy color **61.2221, 0.2815, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1670, 0.3550, 0.3279**, and the grayscale version is **57.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.9097, 0.2742, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **59.0429, 0.2686, 0.3307**, and if you desaturate by 10%, it is **63.7929, 0.2955, 0.3296**.

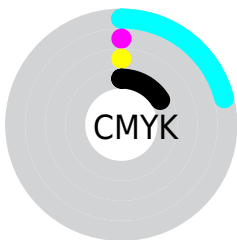
Distribution



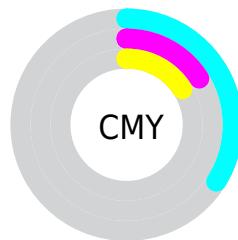
- Red (66%)
- Green (84%)
- Blue (84%)



- Red (66%)
- Yellow (75%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (34%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2221, 0.2815, 0.3301 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 61.2221, 0.2815, 0.3301 by changing the saturation by 10% instead.

 61.2221, 0.2815,
0.3301


 61.2221, 0.2815,
0.3301


429.0879, 0.2963,
0.3297

 44.4044, 0.2780,
0.3301


 106.6005, 0.2867,
0.3300

 30.9886, 0.2737,
0.3302


 135.9299, 0.2887,
0.3300

 20.5902, 0.2682,
0.3302


170.1988, 0.2904,
0.3299

 12.8248, 0.2608,
0.3301

209.7915, 0.2919,
0.3299

 7.3080, 0.2505,
0.3299

255.0923, 0.2932,
0.3298

 3.6554, 0.2352,
0.3293

306.4857, 0.2944,

 1.4828, 0.2101,

0.3298

0.3275

364.3561, 0.2954,
0.3298

0.2765, 0.0000,
0.3112

0.0000, 0.0000,
0.0000

61.2221, 0.2815,
0.3301

61.2221, 0.2815,
0.3301

59.0429, 0.2686,
0.3307

63.7929, 0.2955,
0.3296

57.2288, 0.2572,
0.3313

66.7654, 0.3104,
0.3291

55.7620, 0.2475,
0.3320

70.1586, 0.3259,
0.3286

54.6199, 0.2396,
0.3326

73.9880, 0.3417,
0.3282

■ 53.7775, 0.2337,
0.3333

■ 74.2749, 0.3424,
0.3278

■ 53.2058, 0.2296,
0.3340

■ 74.2982, 0.3421,
0.3273

■ 52.8706, 0.2273,
0.3347

■ 74.3216, 0.3418,
0.3269

■ 52.7209, 0.2265,
0.3352

■ 74.3450, 0.3414,
0.3264

■ 74.3685, 0.3411,
0.3260

Harmonies

Analogous

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



61.2221, 0.2966, 0.3483



61.2221, 0.2815, 0.3301



61.2221, 0.2747, 0.3123

Triad

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



61.2221, 0.2815, 0.3301



61.2221, 0.3081, 0.2994



61.2221, 0.3489, 0.3576

Complementary

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



61.2221, 0.2815, 0.3301



45.1670, 0.3550, 0.3279

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.



61.2221, 0.3524, 0.3437



61.2221, 0.2815, 0.3301



61.2221, 0.3284, 0.3107

Square

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



61.2221, 0.2815, 0.3301



61.2221, 0.2896, 0.2953



61.2221, 0.3448, 0.3267



61.2221, 0.3355, 0.3643

Rectangle

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



61.2221, 0.2815, 0.3301



61.2221, 0.2755, 0.3031



61.2221, 0.3448, 0.3267



61.2221, 0.3513, 0.3536

Sweetspot

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



61.2246, 0.2815, 0.3301



97.1920, 0.3035, 0.3293



59.4156, 0.3110, 0.3883



20.7406, 0.3026, 0.3293



0.0000, 0.0000, 0.0000



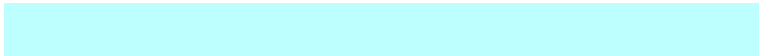
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2246, 0.2815, 0.3301



89.4306, 0.2752, 0.3304



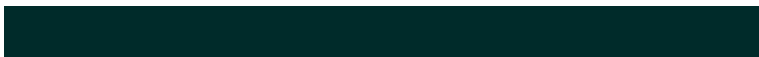
51.1156, 0.2790, 0.3018



14.1031, 0.2986, 0.3295



31.8681, 0.2264, 0.3351



1.9236, 0.2261, 0.3340

Inverse Universe

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



45.1670, 0.3550, 0.3279



61.2484, 0.3675, 0.3277



53.7212, 0.3506, 0.3547



12.4250, 0.3288, 0.3286



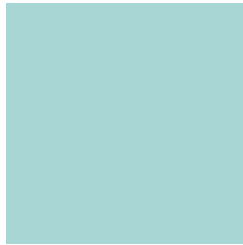
8.6490, 0.6376, 0.3286



0.5232, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 61.2221, 0.2815, 0.3301 looks on a white background.

Color Contrast Check

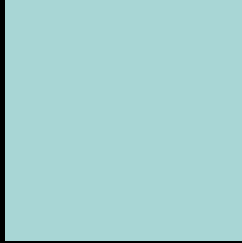
Large Text (above 18pt) WCAG AA × Fail

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 61.2221, 0.2815, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

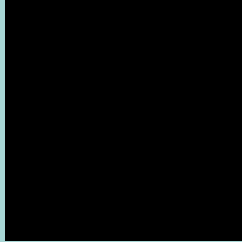
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

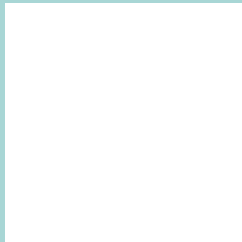
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2221, 0.2815, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 61.2221, 0.2815, 0.3301.

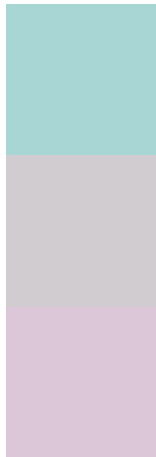


This preview shows how white text looks on a background with the Yxy color 61.2221, 0.2815, 0.3301.

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

61.2221, 0.2815, 0.3301

Protanopia

61.1006, 0.3136, 0.3255

Deuteranopia

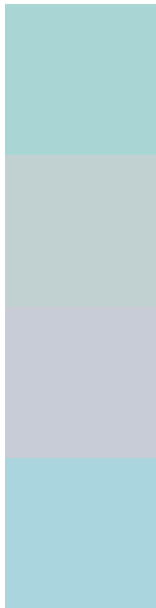
60.8648, 0.3159, 0.3100



Tritanopia

61.4020, 0.2738, 0.3086

Trichromacy



Original Color

61.2221, 0.2815, 0.3301

Protanomaly

61.0527, 0.3010, 0.3278

Deuteranomaly

60.3714, 0.3021, 0.3162

Tritanomaly

61.4623, 0.2768, 0.3168

Monochromacy



Original Color

61.2221, 0.2815, 0.3301

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7618, 0.3000, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2221, 0.2815, 0.3301 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(168, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 213)  
}
```

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(168, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.2221, 0.2815, 0.3301 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(168, 214, 213) }
```

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

```
.border{ border-color:rgb(168, 214, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(168, 214,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2221, 0.2815, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 213) }
```

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

```
.background{ background-color: rgb(168,  
214, 213) }
```

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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