

Converting Colors

$Yxy(61.6061, 0.2829, 0.3289)$

Have a look what the booklet for
Yxy(61.6061, 0.2829, 0.3289)
contains.

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Color

Yxy(61.6061, 0.2829, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ABD6D6
RGB	171, 214, 214
RGB Percent	67%, 84%, 84%
CMY	0.3291, 0.1608, 0.1608
CMYK	0.20, 0.00, 0.00, 0.16
HSL	180°, 34%, 76%
HSV	180°, 20%, 84%
XYZ	52.9899, 61.6061, 72.7136
YIQ	201.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

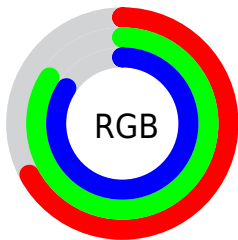
Format	Color
RYB	171, 193, 214
Decimal	11261654
CIELab	82.70, -13.93, -4.64
CIELCh	83, 14.681, 198.416
Yxy	61.6061, 0.2829, 0.3289
Android (android.graphics.Color)	4289451734 (0xFFABD6D6)
YUV	201.1430, 6.3385, -26.4354
Hunter-Lab	78.4896, -16.8478, 0.0158

Details

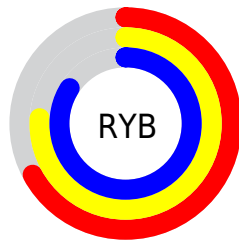
The Yxy color **61.6061, 0.2829, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3955, 0.3523, 0.3291**, and the grayscale version is **58.4830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.1510, 0.2759, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **59.3935, 0.2696, 0.3289**, and if you desaturate by 10%, it is **64.2128, 0.2973, 0.3290**.

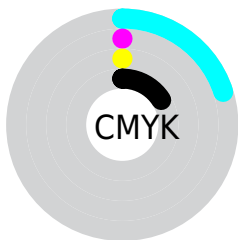
Distribution



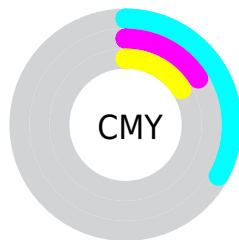
- Red (67%)
- Green (84%)
- Blue (84%)



- Red (67%)
- Yellow (76%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (33%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6061, 0.2829, 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 61.6061, 0.2829, 0.3289 by changing the saturation by 10% instead.


 61.6061, 0.2829,
0.3289

 61.6061, 0.2829,
0.3289

430.4928, 0.2970,
0.3291

 44.7145, 0.2796,
0.3288


 107.1560, 0.2879,
0.3290

 31.2326, 0.2755,
0.3287

136.5831, 0.2898,
0.3290

 20.7760, 0.2702,
0.3285


170.9576, 0.2914,
0.3291

 12.9604, 0.2632,
0.3281

210.6637, 0.2928,
0.3291

 7.4013, 0.2534,
0.3276

256.0858, 0.2941,
0.3291

 3.7143, 0.2388,
0.3264

307.6085, 0.2952,

 1.5151, 0.2150,

0.3291

365.6160, 0.2961,
0.3291

0.3238

0.2993, 0.0000,
0.3152

0.0000, 0.0000,
0.0000

61.6061, 0.2829,
0.3289

61.6061, 0.2829,
0.3289

59.3935, 0.2696,
0.3289

64.2128, 0.2973,
0.3290

57.5489, 0.2578,
0.3288


67.2235, 0.3126,
0.3290


56.0544, 0.2477,
0.3288


70.6571, 0.3285,
0.3291


54.8879, 0.2394,
0.3288

74.2105, 0.3434,
0.3291


 54.0248, 0.2330,
0.3287


 74.2125, 0.3434,
0.3291


 53.4369, 0.2286,
0.3287

 74.2145, 0.3434,
0.3291

 53.0907, 0.2259,
0.3287

 74.2165, 0.3434,
0.3291

 52.9263, 0.2246,
0.3287

 74.2185, 0.3434,
0.3291

 74.2206, 0.3434,
0.3291

Harmonies

Analogous

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



61.6061, 0.2966, 0.3460



61.6061, 0.2829, 0.3289



61.6061, 0.2771, 0.3125

Triad

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



61.6061, 0.2829, 0.3289



61.6061, 0.3097, 0.3019



61.6061, 0.3458, 0.3564

Complementary

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



61.6061, 0.2829, 0.3289



46.3955, 0.3523, 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.



61.6061, 0.3497, 0.3438



61.6061, 0.2829, 0.3289



61.6061, 0.3285, 0.3128

Square

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



61.6061, 0.2829, 0.3289



61.6061, 0.2922, 0.2976



61.6061, 0.3433, 0.3280



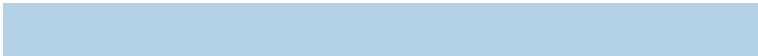
61.6061, 0.3329, 0.3620

Rectangle

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



61.6061, 0.2829, 0.3289



61.6061, 0.2783, 0.3042



61.6061, 0.3433, 0.3280



61.6061, 0.3483, 0.3528

Sweetspot

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



61.6086, 0.2829, 0.3289



97.2110, 0.3034, 0.3290



59.7009, 0.3101, 0.3840



20.7451, 0.3024, 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.



61.6086, 0.2829, 0.3289



90.1756, 0.2772, 0.3289



51.4559, 0.2812, 0.3020



14.1075, 0.2983, 0.3290



31.9917, 0.2246, 0.3287



1.9297, 0.2246, 0.3287

Inverse Universe

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



48.3039, 0.3150, 0.2795



66.9739, 0.3155, 0.2691



55.1736, 0.3474, 0.3546



12.6327, 0.3138, 0.3060



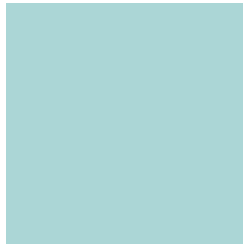
11.5744, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 61.6061, 0.2829, 0.3289 looks on a white background.

Color Contrast Check

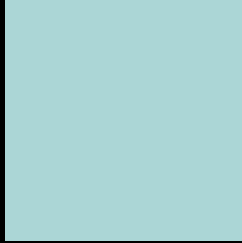
Large Text (above 18pt) WCAG AA × Fail

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 61.6061, 0.2829, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

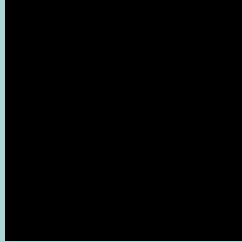
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

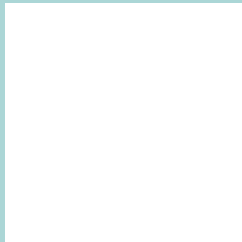
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6061, 0.2829, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 61.6061, 0.2829, 0.3289.



This preview shows how white text looks on a background with the Yxy color 61.6061, 0.2829, 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

61.6061, 0.2829, 0.3289

Protanopia

61.1497, 0.3129, 0.3244

Deuteranopia

61.0722, 0.3160, 0.3089



Tritanopia

61.7428, 0.2757, 0.3087

Trichromacy



Original Color

61.6061, 0.2829, 0.3289

Protanomaly

61.3670, 0.3017, 0.3266

Deuteranomaly

60.7002, 0.3029, 0.3151

Tritanomaly

61.8546, 0.2781, 0.3157

Monochromacy



Original Color

61.6061, 0.2829, 0.3289

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5460, 0.3008, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6061, 0.2829, 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(171, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 214, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.6061, 0.2829, 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(171, 214, 214) }
```

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

```
.border{ border-color:rgb(171, 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(171, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 214,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6061, 0.2829, 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(171, 214, 214) }
```

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

```
.background{ background-color: rgb(171,  
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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