

Converting Colors

$Yxy(60.9145, 0.2825, 0.3350)$

Have a look what the booklet for
Yxy(60.9145, 0.2825, 0.3350)
contains.

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Color

Yxy(60.8036, 0.2826, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	A6D6D1
RGB	166, 214, 209
RGB Percent	65%, 84%, 82%
CMY	0.3491, 0.1607, 0.1803
CMYK	0.22, 0.00, 0.02, 0.16
HSL	174°, 37%, 75%
HSV	174°, 22%, 84%
XYZ	51.2775, 60.8036, 69.3680
YIQ	199.0780, -27.0030, -11.7310

Conversions

Conversions Part 2

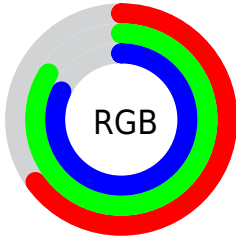
Format	Color
R_{YB}	166, 191, 214
Decimal	10933969
CIE _{Lab}	82.27, -16.55, -2.66
CIE _{LCh}	82, 16.766, 189.117
Yxy	60.8036, 0.2826, 0.3351
Android (android.graphics.Color)	4289124049 (0xFFFA6D6D1)
YUV	199.0780, 4.8915, -29.0094
Hunter-Lab	77.9767, -19.0774, 1.8393

Details

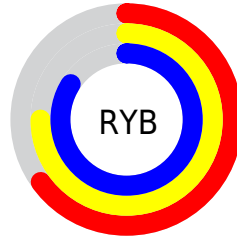
The Yxy color **60.8036, 0.2826, 0.3351** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4966, 0.3537, 0.3231**, and the grayscale version is **57.1435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **30.6735, 0.2749, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **58.5737, 0.2707, 0.3382**, and if you desaturate by 10%, it is **63.4248, 0.2955, 0.3322**.

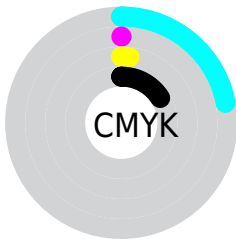
Distribution



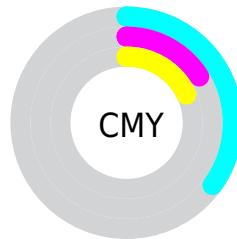
- Red (65%)
- Green (84%)
- Blue (82%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (35%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8036, 0.2826, 0.3351 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 60.8036, 0.2826, 0.3351 by changing the saturation by 10% instead.

 60.8036, 0.2826,
0.3351


 60.8036, 0.2826,
0.3351


427.5535, 0.2969,
0.3323

 44.0667, 0.2792,
0.3357

 105.9945, 0.2876,
0.3341

 30.7229, 0.2750,
0.3365


 135.2173, 0.2896,
0.3338

 20.3880, 0.2696,
0.3375


169.3708, 0.2912,
0.3334

 12.6774, 0.2624,
0.3387

208.8395, 0.2927,
0.3332

 7.2068, 0.2523,
0.3404

254.0077, 0.2939,
0.3329

 3.5917, 0.2372,
0.3427

305.2599, 0.2950,

 1.4479, 0.2122,

0.3327

362.9803, 0.2960,
0.3325

0.3460

0.2516, 0.0000,
0.3537

0.0000, 0.0000,
0.0000

60.8036, 0.2826,
0.3351

60.8036, 0.2826,
0.3351

58.5737, 0.2707,
0.3382

63.4248, 0.2955,
0.3322

56.7087, 0.2602,
0.3415

66.4476, 0.3093,
0.3296

55.1903, 0.2512,
0.3449

69.8910, 0.3235,
0.3272

53.9958, 0.2441,
0.3484

73.7709, 0.3379,
0.3251

■ 53.0999, 0.2389,
0.3520

■ 74.5325, 0.3389,
0.3229

■ 52.4733, 0.2356,
0.3556

■ 74.6512, 0.3373,
0.3207

■ 52.0808, 0.2341,
0.3591

■ 74.7714, 0.3357,
0.3184

■ 51.8945, 0.2338,
0.3618

■ 74.8932, 0.3341,
0.3162

■ 75.0165, 0.3325,
0.3140

Harmonies

Analogous

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



60.8036, 0.3003, 0.3538



60.8036, 0.2826, 0.3351



60.8036, 0.2729, 0.3153

Triad

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



60.8036, 0.2826, 0.3351



60.8036, 0.3025, 0.2956



60.8036, 0.3534, 0.3565

Complementary

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



60.8036, 0.2826, 0.3351



44.4966, 0.3537, 0.3231

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.



60.8036, 0.3542, 0.3404



60.8036, 0.2826, 0.3351



60.8036, 0.3243, 0.3060

Square

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



60.8036, 0.2826, 0.3351



60.8036, 0.2841, 0.2934



60.8036, 0.3434, 0.3221



60.8036, 0.3413, 0.3660

Rectangle

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



60.8036, 0.2826, 0.3351



60.8036, 0.2721, 0.3045



60.8036, 0.3434, 0.3221



60.8036, 0.3550, 0.3516

Sweetspot

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



60.8061, 0.2826, 0.3351



96.6515, 0.3029, 0.3308



59.5724, 0.3138, 0.3907



20.6287, 0.3020, 0.3310



0.0000, 0.0000, 0.0000



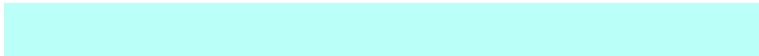
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8061, 0.2826, 0.3351



88.7459, 0.2767, 0.3366



52.2556, 0.2779, 0.3056



14.0846, 0.2996, 0.3314



31.3727, 0.2337, 0.3613



1.8988, 0.2320, 0.3551

Inverse Universe

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



44.4966, 0.3537, 0.3231



60.3047, 0.3654, 0.3217



51.4901, 0.3536, 0.3512



12.4416, 0.3275, 0.3266



8.6839, 0.6271, 0.3228



0.5311, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 60.8036, 0.2826, 0.3351 looks on a white background.

Color Contrast Check

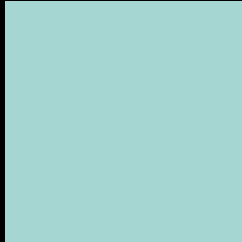
Large Text (above 18pt) WCAG AA × Fail

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 60.8036, 0.2826, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

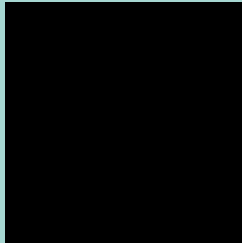
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

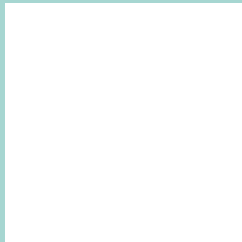
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8036, 0.2826, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 60.8036, 0.2826, 0.3351.

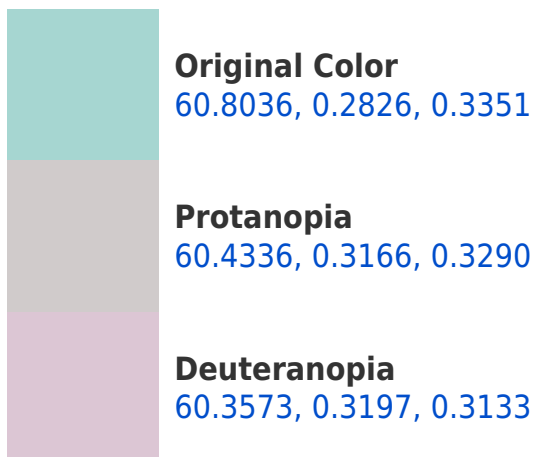


This preview shows how white text looks on a background with the Yxy color 60.8036, 0.2826, 0.3351.

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

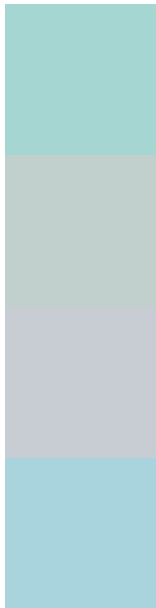




Tritanopia

60.7360, 0.2736, 0.3085

Trichromacy



Original Color

60.8036, 0.2826, 0.3351

Protanomaly

60.3709, 0.3037, 0.3314

Deuteranomaly

60.1682, 0.3048, 0.3208

Tritanomaly

60.7424, 0.2772, 0.3180

Monochromacy



Original Color

60.8036, 0.2826, 0.3351

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0623, 0.3006, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8036, 0.2826, 0.3351 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(166, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(166, 214, 209)  
}
```

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(166, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.8036, 0.2826, 0.3351 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(166, 214, 209) }
```

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

```
.border{ border-color:rgb(166, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(166, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8036, 0.2826, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 214, 209) }
```

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

```
.background{ background-color: rgb(166,  
214, 209) }
```

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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