

Converting Colors

Yxy(61.5858, 0.2803, 0.3441)

Have a look what the booklet for
Yxy(61.5858, 0.2803, 0.3441)
contains.

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Color

Yxy(61.3026, 0.2802, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	9ED9CD
RGB	158, 217, 205
RGB Percent	62%, 85%, 80%
CMY	0.3804, 0.1490, 0.1960
CMYK	0.27, 0.00, 0.06, 0.15
HSL	168°, 44%, 74%
HSV	168°, 27%, 85%
XYZ	49.9331, 61.3026, 66.9695
YIQ	197.9910, -31.3120, -16.2400

Conversions

Conversions Part 2

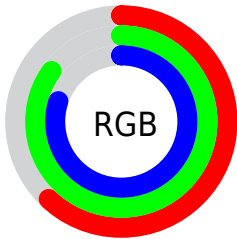
Format	Color
R_{YB}	158, 191, 217
Decimal	10410445
CIE _{Lab}	82.54, -21.30, -0.19
CIE _{LCh}	83, 21.300, 180.505
Yxy	61.3026, 0.2802, 0.3440
Android (android.graphics.Color)	4288600525 (0xFF9ED9CD)
YUV	197.9910, 3.4554, -35.0721
Hunter-Lab	78.2960, -23.1799, 4.0942

Details

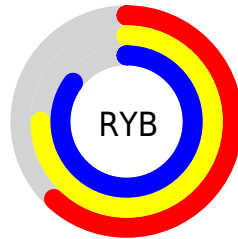
The Yxy color **61.3026, 0.2802, 0.3440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1050, 0.3594, 0.3147**, and the grayscale version is **56.4600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **31.0783, 0.2722, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **59.0856, 0.2699, 0.3504**, and if you desaturate by 10%, it is **63.9192, 0.2916, 0.3381**.

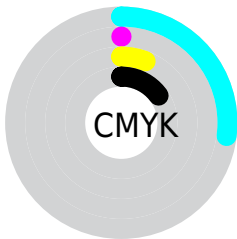
Distribution



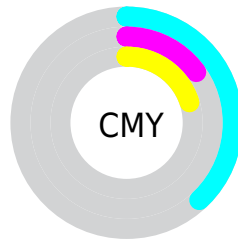
- Red (62%)
- Green (85%)
- Blue (80%)



- Red (62%)
- Yellow (75%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3026, 0.2802, 0.3440 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 61.3026, 0.2802, 0.3440 by changing the saturation by 10% instead.

 61.3026, 0.2802,
0.3440


 61.3026, 0.2802,
0.3440


429.3826, 0.2957,
0.3369

 44.4694, 0.2766,
0.3457


 106.7170, 0.2857,
0.3415

 31.0397, 0.2720,
0.3478


 136.0669, 0.2878,
0.3405

 20.6291, 0.2661,
0.3505


170.3579, 0.2895,
0.3397

 12.8532, 0.2583,
0.3541

209.9744, 0.2911,
0.3390

 7.3275, 0.2473,
0.3591

255.3007, 0.2925,
0.3384

 3.6678, 0.2309,
0.3666

306.7213, 0.2937,

 1.4895, 0.2035,

0.3378

0.3790

364.6204, 0.2947,
0.3373

0.2813, 0.0000,
0.4683

0.0000, 0.0000,
0.0000

61.3026, 0.2802,
0.3440

61.3026, 0.2802,
0.3440

59.0856, 0.2699,
0.3504

63.9192, 0.2916,
0.3381

57.2401, 0.2610,
0.3572


66.9467, 0.3037,
0.3326

55.7463, 0.2536,
0.3643


70.4056, 0.3163,
0.3277


54.5794, 0.2481,
0.3716


74.3123, 0.3291,
0.3232

 53.7114, 0.2445,
0.3791

 76.4372, 0.3336,
0.3190


 53.1095, 0.2429,
0.3865


 76.6838, 0.3305,
0.3146

 52.7299, 0.2431,
0.3939

 76.9367, 0.3274,
0.3103

 52.6425, 0.2433,
0.3960

 77.1959, 0.3244,
0.3060

 77.4615, 0.3214,
0.3018

Harmonies

Analogous

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



61.3026, 0.3044, 0.3662



61.3026, 0.2802, 0.3440



61.3026, 0.2649, 0.3182

Triad

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



61.3026, 0.2802, 0.3440



61.3026, 0.2923, 0.2852



61.3026, 0.3662, 0.3581

Complementary

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



61.3026, 0.2802, 0.3440



42.1050, 0.3594, 0.3147

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.



61.3026, 0.3630, 0.3364



61.3026, 0.2802, 0.3440



61.3026, 0.3193, 0.2955

Square

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



61.3026, 0.2802, 0.3440



61.3026, 0.2716, 0.2854



61.3026, 0.3455, 0.3139



61.3026, 0.3545, 0.3735

Rectangle

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



61.3026, 0.2802, 0.3440



61.3026, 0.2614, 0.3031



61.3026, 0.3455, 0.3139



61.3026, 0.3669, 0.3513

Sweetspot

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



61.3051, 0.2802, 0.3440



96.0702, 0.3026, 0.3331



60.7295, 0.3182, 0.4048



20.4145, 0.3007, 0.3339



0.0000, 0.0000, 0.0000



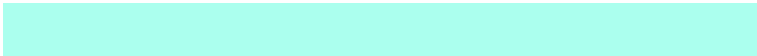
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3051, 0.2802, 0.3440



86.3288, 0.2738, 0.3479



53.7188, 0.2712, 0.3077



14.7819, 0.3009, 0.3338



31.8810, 0.2430, 0.3949



2.0771, 0.2397, 0.3828

Inverse Universe

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



42.1050, 0.3594, 0.3147



53.9575, 0.3741, 0.3113



47.7690, 0.3661, 0.3493



13.0946, 0.3260, 0.3243



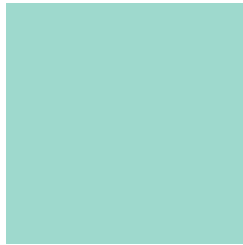
9.0526, 0.6057, 0.3110



0.5990, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 61.3026, 0.2802, 0.3440 looks on a white background.

Color Contrast Check

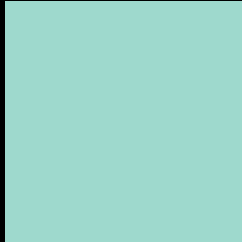
Large Text (above 18pt) WCAG AA × Fail

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 61.3026, 0.2802, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

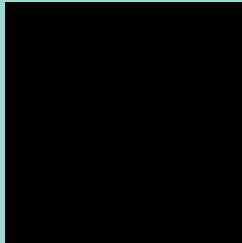
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

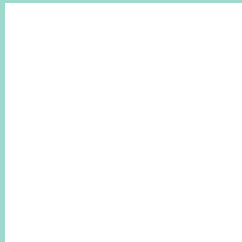
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3026, 0.2802, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 61.3026, 0.2802, 0.3440.

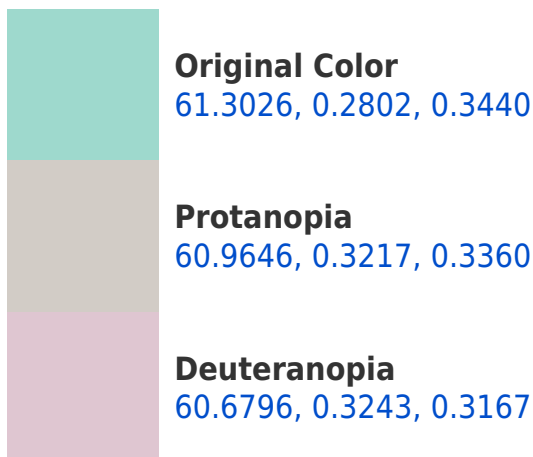


This preview shows how white text looks on a background with the Yxy color 61.3026, 0.2802, 0.3440.

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

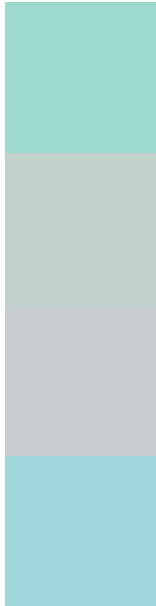




Tritanopia

61.0882, 0.2684, 0.3083

Trichromacy



Original Color

61.3026, 0.2802, 0.3440

Protanomaly

60.8943, 0.3049, 0.3386

Deuteranomaly

60.3588, 0.3061, 0.3255

Tritanomaly

60.8907, 0.2724, 0.3203

Monochromacy



Original Color

61.3026, 0.2802, 0.3440

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.9470, 0.2991, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3026, 0.2802, 0.3440 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(158, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(158, 217, 205)  
}
```

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(158, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.3026, 0.2802, 0.3440 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(158, 217, 205) }
```

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

```
.border{ border-color:rgb(158, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(158, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(158, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3026, 0.2802, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 217, 205) }
```

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

```
.background{ background-color: rgb(158,  
217, 205) }
```

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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