

Converting Colors

$Yxy(61.9018, 0.2869, 0.3560)$

Have a look what the booklet for
Yxy(61.9018, 0.2869, 0.3560)
contains.

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Color

Yxy(61.7511, 0.2870, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	A1DAC5
RGB	161, 218, 197
RGB Percent	63%, 85%, 77%
CMY	0.3684, 0.1451, 0.2276
CMYK	0.26, 0.00, 0.10, 0.15
HSL	158°, 43%, 74%
HSV	158°, 26%, 85%
XYZ	49.8525, 61.7511, 62.0985
YIQ	198.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

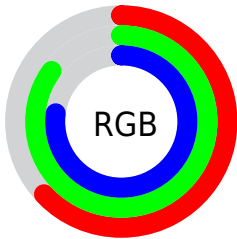
Format	Color
RYB	161, 196, 218
Decimal	10607301
CIELab	82.78, -22.55, 4.45
CIELCh	83, 22.985, 168.828
Yxy	61.7511, 0.2870, 0.3555
Android (android.graphics.Color)	4288797381 (0xFFA1DAC5)
YUV	198.5630, -0.7706, -32.9428
Hunter-Lab	78.5819, -24.2775, 8.1540

Details

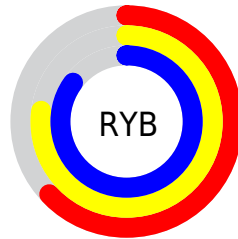
The Yxy color **61.7511, 0.2870, 0.3555** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7937, 0.3480, 0.3041**, and the grayscale version is **56.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4275, 0.2905, 0.3300**, and **31.3657, 0.2807, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **59.3228, 0.2783, 0.3674**, and if you desaturate by 10%, it is **64.5991, 0.2965, 0.3445**.

Distribution



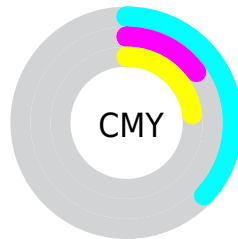
- Red (63%)
- Green (85%)
- Blue (77%)



- Red (63%)
- Yellow (77%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (37%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7511, 0.2870, 0.3555 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 61.7511, 0.2870, 0.3555 by changing the saturation by 10% instead.

 61.7511, 0.2870,
0.3555


 61.7511, 0.2870,
0.3555


431.0226, 0.2994,
0.3427

 44.8316, 0.2841,
0.3586

 107.3657, 0.2914,
0.3509

 31.3248, 0.2804,
0.3625


 136.8296, 0.2931,
0.3492

 20.8463, 0.2756,
0.3676


171.2438, 0.2945,
0.3477

 13.0117, 0.2691,
0.3745

210.9927, 0.2957,
0.3464

 7.4366, 0.2600,
0.3844

256.4606, 0.2968,
0.3453

 3.7366, 0.2461,
0.3999

308.0320, 0.2978,

 1.5273, 0.2221,

0.3443

0.4271

366.0912, 0.2986,
0.3434

0.3079, 0.0000,
0.9281

0.0000, 0.0000,
0.0000

61.7511, 0.2870,
0.3555

61.7511, 0.2870,
0.3555

59.3228, 0.2783,
0.3674

64.5991, 0.2965,
0.3445

57.2856, 0.2708,
0.3803

67.8784, 0.3065,
0.3346

55.6197, 0.2647,
0.3939

71.6097, 0.3167,
0.3257

54.2998, 0.2604,
0.4080

75.8099, 0.3270,
0.3177

■ 53.2978, 0.2579,
0.4223

■ 77.5280, 0.3264,
0.3100

■ 52.5808, 0.2576,
0.4367

■ 78.0096, 0.3209,
0.3022

■ 52.1079, 0.2591,
0.4508

■ 78.5127, 0.3155,
0.2946

■ 51.9620, 0.2600,
0.4561

■ 78.6210, 0.3144,
0.2930

Harmonies

Analogous

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



61.7511, 0.3152, 0.3755



61.7511, 0.2870, 0.3555



61.7511, 0.2663, 0.3279

Triad

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



61.7511, 0.2870, 0.3555



61.7511, 0.2810, 0.2807



61.7511, 0.3710, 0.3515

Complementary

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



61.7511, 0.2870, 0.3555



43.7937, 0.3480, 0.3041

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.



61.7511, 0.3611, 0.3272



61.7511, 0.2870, 0.3555



61.7511, 0.3081, 0.2876

Square

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



61.7511, 0.2870, 0.3555



61.7511, 0.2630, 0.2855



61.7511, 0.3377, 0.3043



61.7511, 0.3643, 0.3715

Rectangle

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



61.7511, 0.2870, 0.3555



61.7511, 0.2591, 0.3101



61.7511, 0.3377, 0.3043



61.7511, 0.3695, 0.3436

Sweetspot

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



61.7536, 0.2870, 0.3555



95.8585, 0.3045, 0.3364



62.7689, 0.3250, 0.3999



20.3610, 0.3029, 0.3379



0.0000, 0.0000, 0.0000



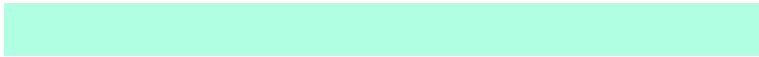
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7536, 0.2870, 0.3555



86.2252, 0.2824, 0.3615



59.4086, 0.2739, 0.3207



14.7438, 0.3031, 0.3378



31.1532, 0.2595, 0.4541



2.0347, 0.2531, 0.4312

Inverse Universe

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



43.7937, 0.3480, 0.3041



56.7053, 0.3573, 0.2989



45.3733, 0.3663, 0.3372



13.1306, 0.3234, 0.3204



9.3003, 0.5491, 0.2798



0.6188, 0.5043, 0.2552

Previews

White Background



This preview shows how the Yxy color 61.7511, 0.2870, 0.3555 looks on a white background.

Color Contrast Check

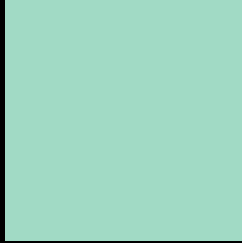
Large Text (above 18pt) WCAG AA × Fail

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 61.7511, 0.2870, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

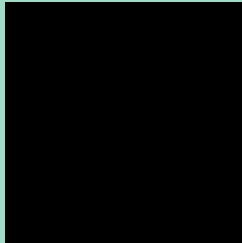
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

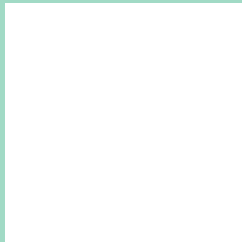
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7511, 0.2870, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 61.7511, 0.2870, 0.3555.



This preview shows how white text looks on a background with the Yxy color 61.7511, 0.2870, 0.3555.

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

61.7511, 0.2870, 0.3555

Protanopia

61.5265, 0.3298, 0.3464

Deuteranopia

61.3948, 0.3335, 0.3268



Tritanopia

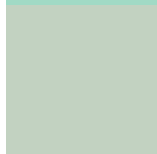
61.6265, 0.2715, 0.3085

Trichromacy



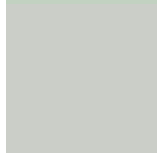
Original Color

61.7511, 0.2870, 0.3555



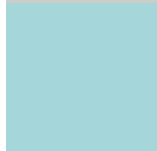
Protanomaly

61.4128, 0.3125, 0.3494



Deuteranomaly

61.0093, 0.3147, 0.3361



Tritanomaly

61.6622, 0.2768, 0.3252

Monochromacy



Original Color

61.7511, 0.2870, 0.3555



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5341, 0.3025, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7511, 0.2870, 0.3555 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(161, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(161, 218, 197)  
}
```

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(161, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 218, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.7511, 0.2870, 0.3555 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(161, 218, 197) }
```

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

```
.border{ border-color:rgb(161, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 218, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 218, 197); box-shadow:4px 4px 4px 4px rgb(161, 218, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7511, 0.2870, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 218, 197) }
```

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

```
.background{ background-color: rgb(161,  
218, 197) }
```

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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