

Converting Colors

$Yxy(65.9647, 0.2815, 0.3601)$

Have a look what the booklet for
Yxy(65.9647, 0.2815, 0.3601)
contains.

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Color

Yxy(66.1710, 0.2811, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	9BE3CA
RGB	155, 227, 202
RGB Percent	61%, 89%, 79%
CMY	0.3920, 0.1098, 0.2078
CMYK	0.32, 0.00, 0.11, 0.11
HSL	159°, 56%, 75%
HSV	159°, 32%, 89%
XYZ	51.6542, 66.1710, 65.9321
YIQ	202.6220, -34.8870, -23.0390

Conversions

Conversions Part 2

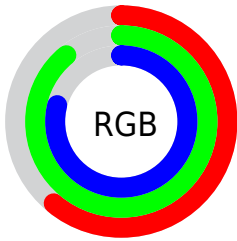
Format	Color
RYB	155, 199, 227
Decimal	10216394
CIELab	85.08, -27.67, 5.08
CIELCh	85, 28.137, 169.601
Yxy	66.1710, 0.2811, 0.3601
Android (android.graphics.Color)	4288406474 (0xFF9BE3CA)
YUV	202.6220, -0.3066, -41.7645
Hunter-Lab	81.3456, -29.0078, 8.8862

Details

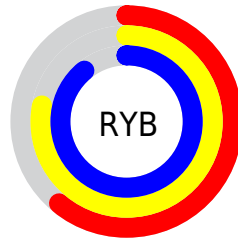
The Yxy color **66.1710, 0.2811, 0.3601** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0844, 0.3599, 0.3002**, and the grayscale version is **59.4973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **34.0306, 0.2731, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **63.7701, 0.2728, 0.3718**, and if you desaturate by 10%, it is **69.0185, 0.2904, 0.3493**.

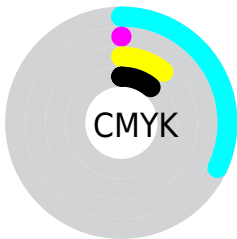
Distribution



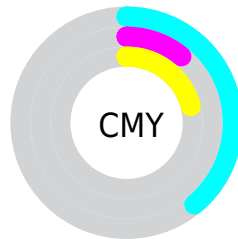
- Red (61%)
- Green (89%)
- Blue (79%)



- Red (61%)
- Yellow (78%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1710, 0.2811, 0.3601 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 66.1710, 0.2811, 0.3601 by changing the saturation by 10% instead.


 66.1710, 0.2811,
0.3601


 66.1710, 0.2811,
0.3601


446.9882, 0.2961,
0.3452

 48.4112, 0.2776,
0.3637


 113.7317, 0.2864,
0.3548

 34.1527, 0.2732,
0.3681


 144.3015, 0.2884,
0.3528

 23.0109, 0.2675,
0.3739


179.9100, 0.2902,
0.3511

 14.6016, 0.2600,
0.3817

220.9417, 0.2917,
0.3496

 8.5402, 0.2495,
0.3927

267.7810, 0.2930,
0.3483

 4.4425, 0.2338,
0.4095

320.8122, 0.2941,

 1.9241, 0.2080,

0.3471

380.4198, 0.2952,
0.3461

0.4381

0.5628, 0.0000,
0.6859

0.0000, 0.0000,
0.0000

66.1710, 0.2811,
0.3601

66.1710, 0.2811,
0.3601

63.7701, 0.2728,
0.3718

69.0185, 0.2904,
0.3493

61.7839, 0.2658,
0.3843

72.3268, 0.3004,
0.3394

60.1885, 0.2605,
0.3973

76.1190, 0.3109,
0.3304

58.9547, 0.2570,
0.4107

80.4146, 0.3216,
0.3224

■ 58.0486, 0.2556,
0.4242

■ 82.5722, 0.3228,
0.3149

■ 57.4298, 0.2562,
0.4376

■ 83.0546, 0.3176,
0.3073

■ 57.0794, 0.2579,
0.4485

■ 83.4160, 0.3140,
0.3019

Harmonies

Analogous

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



66.1710, 0.3144, 0.3848



66.1710, 0.2811, 0.3601



66.1710, 0.2571, 0.3265

Triad

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



66.1710, 0.2811, 0.3601



66.1710, 0.2755, 0.2718



66.1710, 0.3826, 0.3559

Complementary

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



66.1710, 0.2811, 0.3601



43.0844, 0.3599, 0.3002

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.



66.1710, 0.3713, 0.3272



66.1710, 0.2811, 0.3601



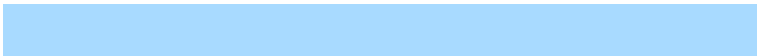
66.1710, 0.3079, 0.2805

Square

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



66.1710, 0.2811, 0.3601



66.1710, 0.2541, 0.2769



66.1710, 0.3433, 0.3003



66.1710, 0.3739, 0.3799

Rectangle

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



66.1710, 0.2811, 0.3601



66.1710, 0.2489, 0.3052



66.1710, 0.3433, 0.3003



66.1710, 0.3810, 0.3465

Sweetspot

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



66.1737, 0.2811, 0.3601



94.9231, 0.3021, 0.3378



67.0347, 0.3256, 0.4176



20.1759, 0.3007, 0.3392



0.0000, 0.0000, 0.0000



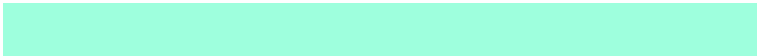
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1737, 0.2811, 0.3601



84.0384, 0.2755, 0.3677



61.7348, 0.2659, 0.3157



16.2469, 0.3028, 0.3373



33.3131, 0.2574, 0.4465



2.4791, 0.2520, 0.4272

Inverse Universe

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



43.0844, 0.3599, 0.3002



49.5425, 0.3738, 0.2941



45.9117, 0.3812, 0.3418



14.4502, 0.3238, 0.3209



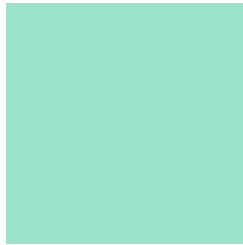
9.8719, 0.5582, 0.2848



0.7465, 0.5174, 0.2624

Previews

White Background



This preview shows how the Yxy color 66.1710, 0.2811, 0.3601 looks on a white background.

Color Contrast Check

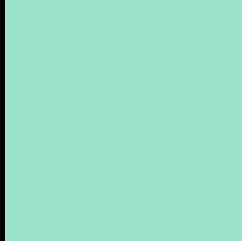
Large Text (above 18pt) WCAG AA × Fail

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 66.1710, 0.2811, 0.3601 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

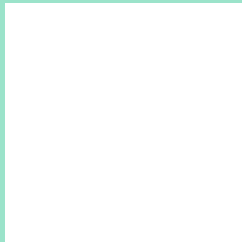
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1710, 0.2811, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 66.1710, 0.2811, 0.3601.

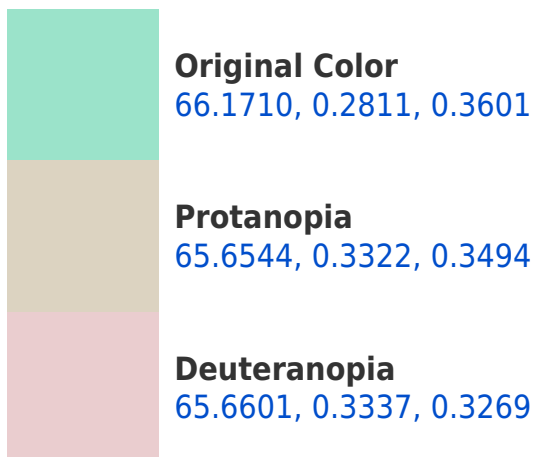


This preview shows how white text looks on a background with the Yxy color 66.1710, 0.2811, 0.3601.

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

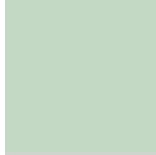
66.2611, 0.2648, 0.3089

Trichromacy



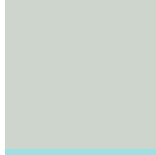
Original Color

66.1710, 0.2811, 0.3601



Protanomaly

65.3470, 0.3116, 0.3538



Deuteranomaly

64.9754, 0.3123, 0.3382



Tritanomaly

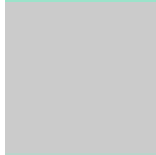
66.2759, 0.2703, 0.3265

Monochromacy



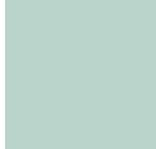
Original Color

66.1710, 0.2811, 0.3601



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.8379, 0.2999, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1710, 0.2811, 0.3601 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(155, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 227, 202)  
}
```

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(155, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 227, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.1710, 0.2811, 0.3601 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(155, 227, 202) }
```

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

```
.border{ border-color:rgb(155, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 227,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1710, 0.2811, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 227, 202) }
```

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

```
.background{ background-color: rgb(155,  
227, 202) }
```

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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