

Converting Colors

Yxy(61.9486, 0.2719, 0.3561)

Have a look what the booklet for
Yxy(61.9486, 0.2719, 0.3561)
contains.

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Color

Yxy(61.9486, 0.2719, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	8BDEC9
RGB	139, 222, 201
RGB Percent	55%, 87%, 79%
CMY	0.4552, 0.1293, 0.2118
CMYK	0.37, 0.00, 0.09, 0.13
HSL	165°, 56%, 71%
HSV	165°, 37%, 87%
XYZ	47.3008, 61.9486, 64.7146
YIQ	194.7890, -42.7270, -24.1270

Conversions

Conversions Part 2

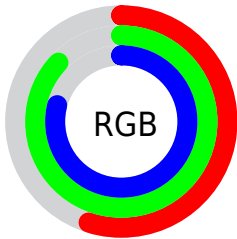
Format	Color
RYB	139, 187, 222
Decimal	9166537
CIELab	82.89, -30.00, 2.34
CIElCh	83, 30.095, 175.545
Yxy	61.9486, 0.2719, 0.3561
Android (android.graphics.Color)	4287356617 (0xFF8BDEC9)
YUV	194.7890, 3.0620, -48.9270
Hunter-Lab	78.7074, -30.4648, 6.3459

Details

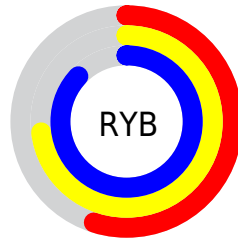
The Yxy color **61.9486, 0.2719, 0.3561** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.5132, 0.3805, 0.3041**, and the grayscale version is **54.4330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **31.2638, 0.2615, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **59.9717, 0.2634, 0.3647**, and if you desaturate by 10%, it is **64.3282, 0.2817, 0.3480**.

Distribution



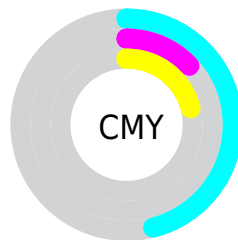
- Red (55%)
- Green (87%)
- Blue (79%)



- Red (55%)
- Yellow (73%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)




- Cyan (46%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9486, 0.2719, 0.3561 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 61.9486, 0.2719, 0.3561 by changing the saturation by 10% instead.


 61.9486, 0.2719,
0.3561

 61.9486, 0.2719,
0.3561


431.7436, 0.2913,
0.3431

 44.9912, 0.2673,
0.3592


 107.6512, 0.2788,
0.3515

 31.4505, 0.2616,
0.3631


 137.1652, 0.2814,
0.3497

 20.9421, 0.2542,
0.3682


171.6335, 0.2837,
0.3482

 13.0817, 0.2443,
0.3750

211.4406, 0.2856,
0.3469

 7.4848, 0.2306,
0.3846

256.9707, 0.2873,
0.3458

 3.7671, 0.2100,
0.3992

308.6083, 0.2888,

 1.5442, 0.1721,

0.3448

0.4262

366.7378, 0.2902,
0.3439

0.3195, 0.0000,
0.6340

0.0000, 0.0000,
0.0000

61.9486, 0.2719,
0.3561

61.9486, 0.2719,
0.3561

59.9717, 0.2634,
0.3647

64.3282, 0.2817,
0.3480

58.3662, 0.2566,
0.3738

67.1247, 0.2924,
0.3405

57.1082, 0.2515,
0.3831

70.3608, 0.3039,
0.3337

56.1680, 0.2484,
0.3926

74.0552, 0.3158,
0.3275

■ 55.5106, 0.2473,
0.4021

■ 78.2259, 0.3279,
0.3219

■ 55.0890, 0.2480,
0.4115

■ 79.4928, 0.3277,
0.3165

■ 54.9987, 0.2483,
0.4140

■ 79.8222, 0.3239,
0.3110

■ 80.1620, 0.3202,
0.3056

■ 80.5122, 0.3165,
0.3002

Harmonies

Analogous

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



61.9486, 0.3068, 0.3864



61.9486, 0.2719, 0.3561



61.9486, 0.2487, 0.3188

Triad

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



61.9486, 0.2719, 0.3561



61.9486, 0.2783, 0.2676



61.9486, 0.3890, 0.3639

Complementary

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



61.9486, 0.2719, 0.3561



36.5132, 0.3805, 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.



61.9486, 0.3810, 0.3330



61.9486, 0.2719, 0.3561



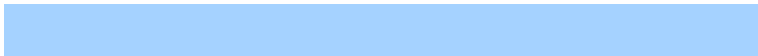
61.9486, 0.3151, 0.2797

Square

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



61.9486, 0.2719, 0.3561



61.9486, 0.2523, 0.2699



61.9486, 0.3532, 0.3030



61.9486, 0.3752, 0.3883

Rectangle

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



61.9486, 0.2719, 0.3561



61.9486, 0.2422, 0.2967



61.9486, 0.3532, 0.3030



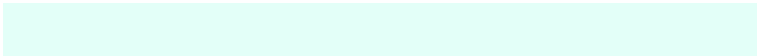
61.9486, 0.3888, 0.3539

Sweetspot

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



61.9511, 0.2719, 0.3561



94.6139, 0.2996, 0.3361



61.6997, 0.3224, 0.4373



20.1206, 0.2981, 0.3370



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.



61.9511, 0.2719, 0.3561



82.6059, 0.2651, 0.3629



53.2948, 0.2571, 0.3038



15.5100, 0.3015, 0.3350



32.6812, 0.2479, 0.4126



2.2794, 0.2439, 0.3980

Inverse Universe

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



36.5132, 0.3805, 0.3041



42.9648, 0.4024, 0.2989



41.9557, 0.3954, 0.3525



13.7572, 0.3252, 0.3231



9.4101, 0.5912, 0.3030



0.6666, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 61.9486, 0.2719, 0.3561 looks on a white background.

Color Contrast Check

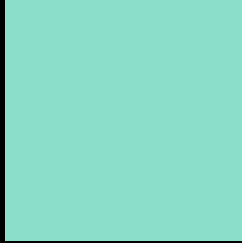
Large Text (above 18pt) WCAG AA × Fail

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 61.9486, 0.2719, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

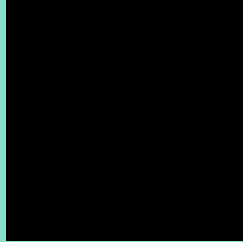
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

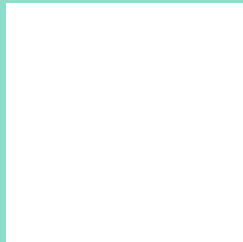
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9486, 0.2719, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 61.9486, 0.2719, 0.3561.

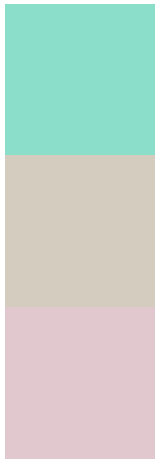


This preview shows how white text looks on a background with the Yxy color 61.9486, 0.2719, 0.3561.

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

61.9486, 0.2719, 0.3561

Protanopia

61.4213, 0.3282, 0.3453

Deuteranopia

61.3106, 0.3281, 0.3212



Tritanopia

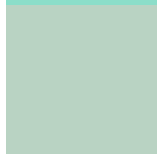
61.8269, 0.2573, 0.3069

Trichromacy



Original Color

61.9486, 0.2719, 0.3561



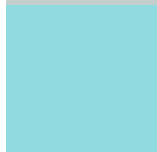
Protanomaly

60.8429, 0.3045, 0.3485



Deuteranomaly

60.4546, 0.3051, 0.3326



Tritanomaly

61.9200, 0.2623, 0.3239

Monochromacy



Original Color

61.9486, 0.2719, 0.3561



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.8078, 0.2959, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9486, 0.2719, 0.3561 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(139, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 222, 201)  
}
```

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(139, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 222, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.9486, 0.2719, 0.3561 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(139, 222, 201) }
```

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

```
.border{ border-color:rgb(139, 222, 201) }
```

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

Here you see how a box with a 4 pixel rgb(139, 222, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 222,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9486, 0.2719, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 222, 201) }
```

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

```
.background{ background-color: rgb(139,  
222, 201) }
```

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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