

Converting Colors

$Yxy(61.1022, 0.2719, 0.3179)$

Have a look what the booklet for
Yxy(61.1022, 0.2719, 0.3179)
contains.

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Color

Yxy(61.1022, 0.2719, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	A2D6DF
RGB	162, 214, 223
RGB Percent	64%, 84%, 87%
CMY	0.3648, 0.1607, 0.1255
CMYK	0.27, 0.04, 0.00, 0.13
HSL	189°, 49%, 75%
HSV	189°, 27%, 87%
XYZ	52.2607, 61.1022, 78.8428
YIQ	199.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

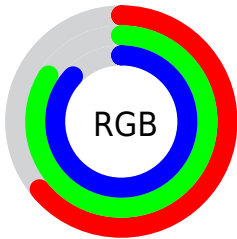
Format	Color
R _{YB}	162, 190, 223
Decimal	10671839
CIE Lab	82.43, -14.66, -9.88
CIE LCh	82, 17.682, 213.983
Yxy	61.1022, 0.2719, 0.3179
Android (android.graphics.Color)	4288861919 (0xFFA2D6DF)
YUV	199.4780, 11.5963, -32.8682
Hunter-Lab	78.1679, -17.4540, -5.0844

Details

The Yxy color **61.1022, 0.2719, 0.3179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4025, 0.3692, 0.3398**, and the grayscale version is **57.3625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **30.8116, 0.2615, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **57.3289, 0.2585, 0.3133**, and if you desaturate by 10%, it is **65.3280, 0.2863, 0.3223**.

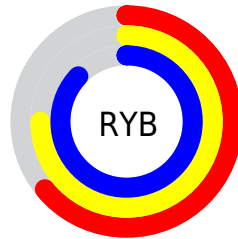
Distribution



Red (64%)

Green (84%)

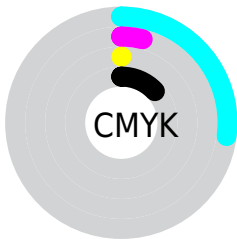
Blue (87%)



Red (64%)

Yellow (75%)

Blue (87%)

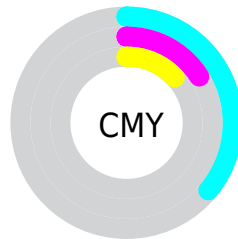


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1022, 0.2719, 0.3179 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 61.1022, 0.2719, 0.3179 by changing the saturation by 10% instead.


 61.1022, 0.2719,
0.3179


 61.1022, 0.2719,
0.3179


428.6486, 0.2911,
0.3235

 44.3077, 0.2674,
0.3165


 106.4269, 0.2786,
0.3199

 30.9124, 0.2619,
0.3147


 135.7258, 0.2812,
0.3207

 20.5322, 0.2548,
0.3123


169.9617, 0.2835,
0.3213

 12.7825, 0.2454,
0.3091

209.5189, 0.2854,
0.3219

 7.2789, 0.2324,
0.3042

254.7818, 0.2871,
0.3224

 3.6371, 0.2135,
0.2966

306.1348, 0.2886,

 1.4727, 0.1833,

0.3228

0.2827

363.9622, 0.2899,
0.3232

0.2694, 0.0000,
0.2149

0.0000, 0.0000,
0.0000

61.1022, 0.2719,
0.3179

61.1022, 0.2719,
0.3179

57.3289, 0.2585,
0.3133

65.3280, 0.2863,
0.3223

53.9785, 0.2464,
0.3084

70.0192, 0.3014,
0.3263

51.0294, 0.2358,
0.3033

75.1975, 0.3168,
0.3299

48.4550, 0.2270,
0.2980

80.8809, 0.3324,
0.3332

■ 46.2251, 0.2202,
0.2928

■ 83.4134, 0.3347,
0.3365

■ 44.3041, 0.2153,
0.2875

■ 85.2614, 0.3342,
0.3397

■ 42.6449, 0.2121,
0.2824

■ 87.1440, 0.3338,
0.3429

■ 42.2303, 0.2114,
0.2810

■ 89.0614, 0.3334,
0.3461

■ 91.0137, 0.3330,
0.3493

Harmonies

Analogous

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



61.1022, 0.2837, 0.3390



61.1022, 0.2719, 0.3179



61.1022, 0.2706, 0.3009

Triad

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



61.1022, 0.2719, 0.3179



61.1022, 0.3210, 0.3024



61.1022, 0.3457, 0.3669

Complementary

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



61.1022, 0.2719, 0.3179



47.4025, 0.3692, 0.3398

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.



61.1022, 0.3566, 0.3553



61.1022, 0.2719, 0.3179



61.1022, 0.3421, 0.3185

Square

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



61.1022, 0.2719, 0.3179



61.1022, 0.2983, 0.2929



61.1022, 0.3553, 0.3376



61.1022, 0.3261, 0.3682

Rectangle

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



61.1022, 0.2719, 0.3179



61.1022, 0.2758, 0.2940



61.1022, 0.3553, 0.3376



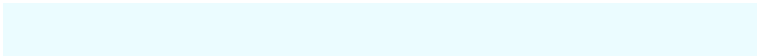
61.1022, 0.3505, 0.3640

Sweetspot

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



61.1047, 0.2719, 0.3179



94.4338, 0.3003, 0.3260



63.3549, 0.3041, 0.3968



19.9990, 0.2980, 0.3254



0.0000, 0.0000, 0.0000



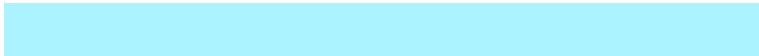
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1047, 0.2719, 0.3179



79.7334, 0.2639, 0.3152



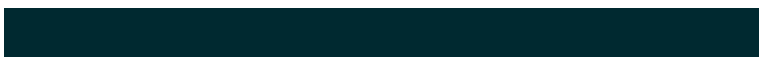
47.4315, 0.2681, 0.2800



15.2106, 0.2982, 0.3255



24.9640, 0.2116, 0.2818



1.8253, 0.2138, 0.2898

Inverse Universe

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



46.3740, 0.3235, 0.2704



56.7771, 0.3263, 0.2577



59.8892, 0.3602, 0.3736



13.8991, 0.3160, 0.3092



11.4282, 0.3618, 0.1767



0.8017, 0.3545, 0.1727

Previews

White Background



This preview shows how the Yxy color 61.1022, 0.2719, 0.3179 looks on a white background.

Color Contrast Check

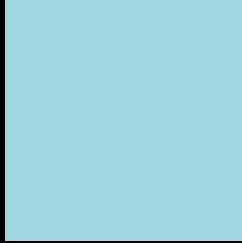
Large Text (above 18pt) WCAG AA × Fail

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 61.1022, 0.2719, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

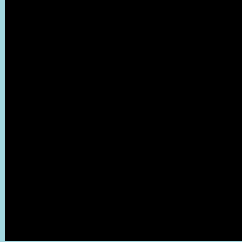
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1022, 0.2719, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 61.1022, 0.2719, 0.3179.

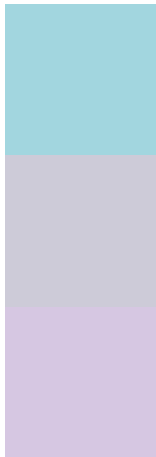


This preview shows how white text looks on a background with the Yxy color 61.1022, 0.2719, 0.3179.

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

61.1022, 0.2719, 0.3179

Protanopia

60.6489, 0.3051, 0.3140

Deuteranopia

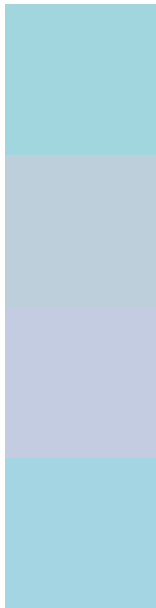
60.6340, 0.3050, 0.2988



Tritanopia

61.1942, 0.2690, 0.3084

Trichromacy



Original Color

61.1022, 0.2719, 0.3179

Protanomaly

60.5589, 0.2915, 0.3148

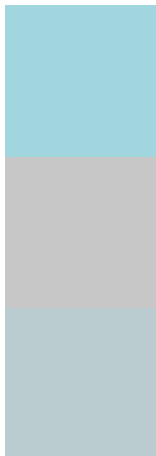
Deuteranomaly

60.2241, 0.2918, 0.3046

Tritanomaly

60.9211, 0.2701, 0.3119

Monochromacy



Original Color

61.1022, 0.2719, 0.3179

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1789, 0.2965, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1022, 0.2719, 0.3179 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(162, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(162, 214, 223)  
}
```

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(162, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 214, 223) }
```

Border

The CSS property to change the border of an element to Yxy 61.1022, 0.2719, 0.3179 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(162, 214, 223) }
```

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

```
.border{ border-color:rgb(162, 214, 223) }
```

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

Here you see how a box with a 4 pixel rgb(162, 214, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(162, 214,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1022, 0.2719, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 214, 223) }
```

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

```
.background{ background-color: rgb(162,  
214, 223) }
```

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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