

Converting Colors

$Yxy(61.6981, 0.2773, 0.3479)$

Have a look what the booklet for
Yxy(61.6981, 0.2773, 0.3479)
contains.

Yxy(61.6981, 0.2773, 0.3479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6981, 0.2773, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	98DBCC
RGB	152, 219, 204
RGB Percent	60%, 86%, 80%
CMY	0.4041, 0.1411, 0.1998
CMYK	0.31, 0.00, 0.07, 0.14
HSL	167°, 48%, 73%
HSV	167°, 31%, 86%
XYZ	49.1776, 61.6981, 66.4687
YIQ	197.2570, -35.1170, -18.8690

Conversions

Conversions Part 2

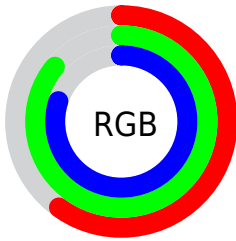
Format	Color
R _Y B	152, 190, 219
Decimal	10017740
CIE Lab	82.75, -24.26, 0.60
CIE LCh	83, 24.263, 178.578
Yxy	61.6981, 0.2773, 0.3479
Android (android.graphics.Color)	4288207820 (0xFF98DBCC)
YUV	197.2570, 3.3243, -39.6904
Hunter-Lab	78.5481, -25.7036, 4.8116

Details

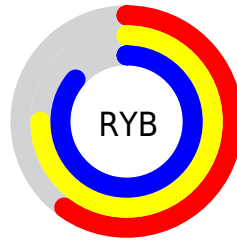
The Yxy color **61.6981, 0.2773, 0.3479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2926, 0.3661, 0.3111**, and the grayscale version is **55.9915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **31.3496, 0.2682, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **59.5485, 0.2676, 0.3551**, and if you desaturate by 10%, it is **64.2502, 0.2881, 0.3412**.

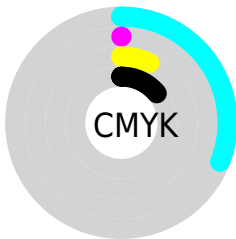
Distribution



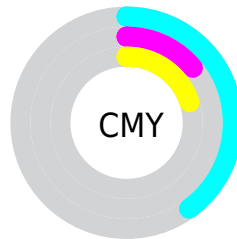
- Red (60%)
- Green (86%)
- Blue (80%)



- Red (60%)
- Yellow (75%)
- Blue (86%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)




- Cyan (40%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6981, 0.2773, 0.3479 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 61.6981, 0.2773, 0.3479 by changing the saturation by 10% instead.


 61.6981, 0.2773,
0.3479

 61.6981, 0.2773,
0.3479


430.8290, 0.2942,
0.3389

 44.7888, 0.2733,
0.3500


 107.2891, 0.2832,
0.3447

 31.2911, 0.2684,
0.3527


 136.7396, 0.2855,
0.3435

 20.8206, 0.2620,
0.3561


171.1392, 0.2875,
0.3425

 12.9929, 0.2535,
0.3607

210.8724, 0.2892,
0.3416

 7.4237, 0.2416,
0.3672

256.3236, 0.2906,
0.3408

 3.7285, 0.2237,
0.3769

307.8772, 0.2920,

 1.5229, 0.1937,

0.3401

0.3934

365.9175, 0.2931,
0.3394

0.3047, 0.0000,
0.5126

0.0000, 0.0000,
0.0000

61.6981, 0.2773,
0.3479

61.6981, 0.2773,
0.3479

59.5485, 0.2676,
0.3551

64.2502, 0.2881,
0.3412

57.7724, 0.2594,
0.3628

67.2171, 0.2998,
0.3350


56.3485, 0.2528,
0.3708

70.6201, 0.3120,
0.3293


55.2504, 0.2481,
0.3790


74.4765, 0.3245,
0.3243


 54.4481, 0.2454,
0.3872

 77.5558, 0.3323,
0.3196

 53.9056, 0.2446,
0.3955

 77.8320, 0.3289,
0.3148

 53.5741, 0.2453,
0.4032

 78.1159, 0.3256,
0.3100

 78.4076, 0.3222,
0.3052

 78.7072, 0.3190,
0.3006

Harmonies

Analogous

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



61.6981, 0.3051, 0.3728



61.6981, 0.2773, 0.3479



61.6981, 0.2593, 0.3183

Triad

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



61.6981, 0.2773, 0.3479



61.6981, 0.2877, 0.2792



61.6981, 0.3739, 0.3603

Complementary

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



61.6981, 0.2773, 0.3479



40.2926, 0.3661, 0.3111

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.



61.6981, 0.3691, 0.3354



61.6981, 0.2773, 0.3479



61.6981, 0.3181, 0.2902

Square

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



61.6981, 0.2773, 0.3479



61.6981, 0.2651, 0.2801



61.6981, 0.3483, 0.3103



61.6981, 0.3614, 0.3786

Rectangle

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



61.6981, 0.2773, 0.3479



61.6981, 0.2548, 0.3009



61.6981, 0.3483, 0.3103



61.6981, 0.3743, 0.3524

Sweetspot

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



61.7006, 0.2773, 0.3479



95.5786, 0.3016, 0.3341



61.2147, 0.3195, 0.4156



20.3151, 0.2998, 0.3349



0.0000, 0.0000, 0.0000



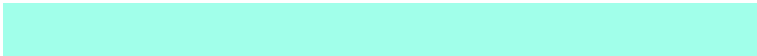
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7006, 0.2773, 0.3479



84.9977, 0.2707, 0.3527



53.6200, 0.2663, 0.3061



14.7772, 0.3012, 0.3343



31.7814, 0.2450, 0.4019



2.0715, 0.2413, 0.3886

Inverse Universe

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



40.2926, 0.3661, 0.3111



49.9931, 0.3829, 0.3071



46.0167, 0.3751, 0.3507



13.0989, 0.3257, 0.3238



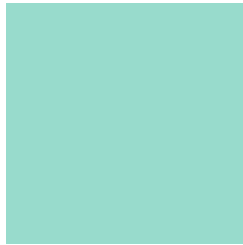
9.0745, 0.6000, 0.3079



0.6010, 0.5539, 0.2825

Previews

White Background



This preview shows how the Yxy color 61.6981, 0.2773, 0.3479 looks on a white background.

Color Contrast Check

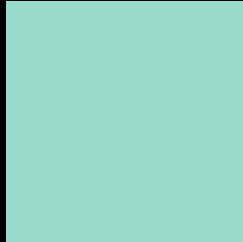
Large Text (above 18pt) WCAG AA × Fail

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 61.6981, 0.2773, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

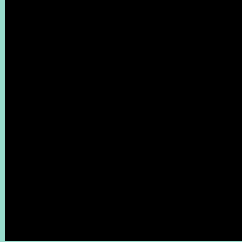
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

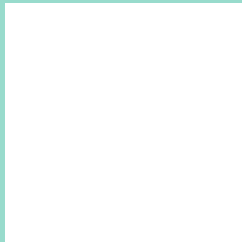
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6981, 0.2773, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 61.6981, 0.2773, 0.3479.

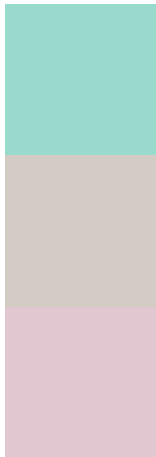


This preview shows how white text looks on a background with the Yxy color 61.6981, 0.2773, 0.3479.

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

61.6981, 0.2773, 0.3479

Protanopia

61.0201, 0.3239, 0.3383

Deuteranopia

61.2482, 0.3258, 0.3190



Tritanopia

61.6962, 0.2647, 0.3083

Trichromacy



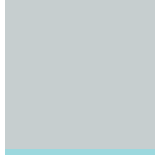
Original Color

61.6981, 0.2773, 0.3479



Protanomaly

60.6716, 0.3055, 0.3411



Deuteranomaly

60.6534, 0.3060, 0.3278



Tritanomaly

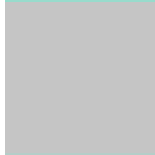
61.4536, 0.2691, 0.3215

Monochromacy



Original Color

61.6981, 0.2773, 0.3479



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.6565, 0.2983, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6981, 0.2773, 0.3479 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(152, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(152, 219, 204)  
}
```

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(152, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 219, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.6981, 0.2773, 0.3479 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(152, 219, 204) }
```

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

```
.border{ border-color:rgb(152, 219, 204) }
```

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

Here you see how a box with a 4 pixel rgb(152, 219, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(152, 219,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6981, 0.2773, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 219, 204) }
```

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

```
.background{ background-color: rgb(152,  
219, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor