

Converting Colors

$Yxy(61.9403, 0.2762, 0.3440)$

Have a look what the booklet for
Yxy(61.9403, 0.2762, 0.3440)
contains.

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Color

Yxy(61.9403, 0.2762, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	99DBC F
RGB	153, 219, 207
RGB Percent	60%, 86%, 81%
CMY	0.4000, 0.1412, 0.1881
CMYK	0.30, 0.00, 0.05, 0.14
HSL	169°, 48%, 73%
HSV	169°, 30%, 86%
XYZ	49.7323, 61.9403, 68.3864
YIQ	197.8980, -35.4840, -17.7240

Conversions

Conversions Part 2

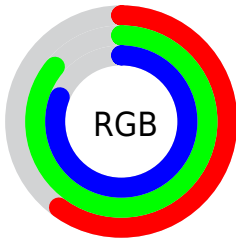
Format	Color
RYB	153, 189, 219
Decimal	10083279
CIELab	82.88, -23.31, -0.79
CIELCh	83, 23.322, 181.945
Yxy	61.9403, 0.2762, 0.3440
Android (android.graphics.Color)	4288273359 (0xFF99DBCf)
YUV	197.8980, 4.4873, -39.3755
Hunter-Lab	78.7022, -24.9337, 3.5728

Details

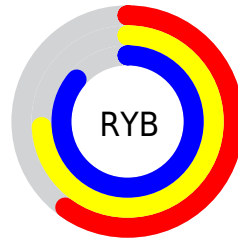
The Yxy color **61.9403, 0.2762, 0.3440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5552, 0.3678, 0.3147**, and the grayscale version is **56.3963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.5035, 0.2667, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **59.8121, 0.2661, 0.3498**, and if you desaturate by 10%, it is **64.4695, 0.2875, 0.3386**.

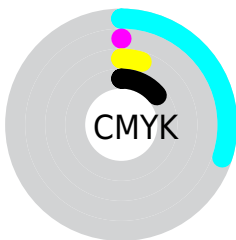
Distribution



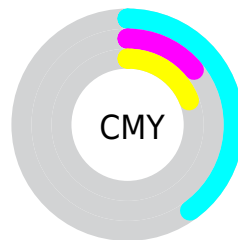
- Red (60%)
- Green (86%)
- Blue (81%)



- Red (60%)
- Yellow (74%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)




- Cyan (40%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9403, 0.2762, 0.3440 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 61.9403, 0.2762, 0.3440 by changing the saturation by 10% instead.

 61.9403, 0.2762,
0.3440


 61.9403, 0.2762,
0.3440


431.7133, 0.2935,
0.3369

 44.9845, 0.2721,
0.3456


 107.6392, 0.2823,
0.3415

 31.4452, 0.2671,
0.3477

 137.1511, 0.2846,
0.3406

 20.9381, 0.2605,
0.3503


171.6172, 0.2866,
0.3397

 13.0787, 0.2519,
0.3538

211.4217, 0.2884,
0.3390

 7.4828, 0.2398,
0.3586

256.9493, 0.2899,
0.3384

 3.7658, 0.2218,
0.3657

308.5841, 0.2913,

 1.5435, 0.1922,

0.3379

366.7106, 0.2925,
0.3374

0.3772

0.3190, 0.0000,
0.4420

0.0000, 0.0000,
0.0000

61.9403, 0.2762,
0.3440

61.9403, 0.2762,
0.3440

59.8121, 0.2661,
0.3498

64.4695, 0.2875,
0.3386

58.0558, 0.2574,
0.3559

67.4120, 0.2997,
0.3336

56.6506, 0.2504,
0.3623

70.7887, 0.3125,
0.3291

55.5701, 0.2453,
0.3688

74.6171, 0.3257,
0.3250

■ 54.7845, 0.2421,
0.3754

■ 77.4647, 0.3334,
0.3212

■ 54.2582, 0.2409,
0.3819

■ 77.6864, 0.3307,
0.3172

■ 53.9313, 0.2412,
0.3883

■ 77.9132, 0.3279,
0.3133

■ 78.1451, 0.3252,
0.3094

■ 78.3822, 0.3225,
0.3056

Harmonies

Analogous

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



61.9403, 0.3022, 0.3688



61.9403, 0.2762, 0.3440



61.9403, 0.2602, 0.3158

Triad

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



61.9403, 0.2762, 0.3440



61.9403, 0.2917, 0.2818



61.9403, 0.3709, 0.3615

Complementary

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



61.9403, 0.2762, 0.3440



40.5552, 0.3678, 0.3147

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.



61.9403, 0.3682, 0.3380



61.9403, 0.2762, 0.3440



61.9403, 0.3213, 0.2935

Square

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



61.9403, 0.2762, 0.3440



61.9403, 0.2689, 0.2813



61.9403, 0.3497, 0.3136



61.9403, 0.3573, 0.3780

Rectangle

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



61.9403, 0.2762, 0.3440



61.9403, 0.2569, 0.2996



61.9403, 0.3497, 0.3136



61.9403, 0.3719, 0.3542

Sweetspot

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



61.9428, 0.2762, 0.3440



95.6390, 0.3011, 0.3331



60.9737, 0.3170, 0.4147



20.3301, 0.2992, 0.3338



0.0000, 0.0000, 0.0000



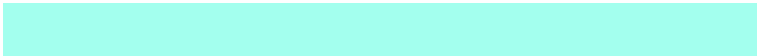
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9428, 0.2762, 0.3440



85.5215, 0.2698, 0.3475



52.3196, 0.2665, 0.3022



14.7869, 0.3006, 0.3333



31.9925, 0.2409, 0.3874



2.0834, 0.2380, 0.3767

Inverse Universe

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



40.5552, 0.3678, 0.3147



50.8145, 0.3840, 0.3117



47.5916, 0.3728, 0.3542



13.0899, 0.3263, 0.3248



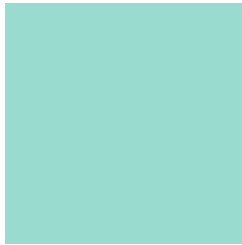
9.0312, 0.6113, 0.3141



0.5968, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 61.9403, 0.2762, 0.3440 looks on a white background.

Color Contrast Check

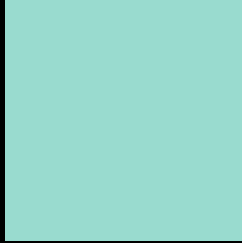
Large Text (above 18pt) WCAG AA × Fail

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 61.9403, 0.2762, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

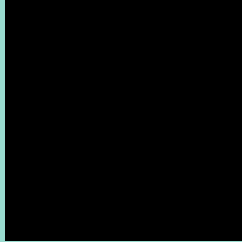
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

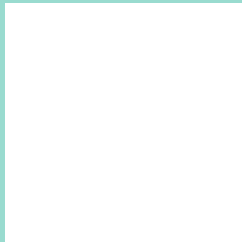
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9403, 0.2762, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 61.9403, 0.2762, 0.3440.

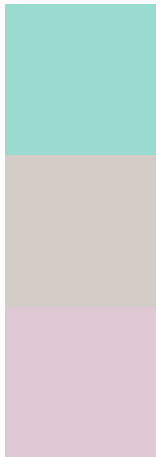


This preview shows how white text looks on a background with the Yxy color 61.9403, 0.2762, 0.3440.

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

61.9403, 0.2762, 0.3440

Protanopia

61.6350, 0.3216, 0.3360

Deuteranopia

61.2380, 0.3227, 0.3157



Tritanopia

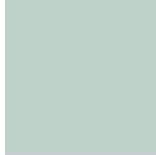
61.7980, 0.2652, 0.3083

Trichromacy



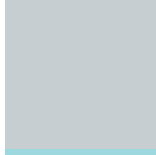
Original Color

61.9403, 0.2762, 0.3440



Protanomaly

61.3046, 0.3034, 0.3386



Deuteranomaly

60.8015, 0.3040, 0.3243



Tritanomaly

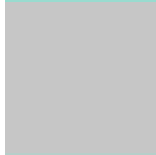
61.6075, 0.2692, 0.3203

Monochromacy



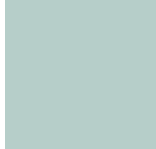
Original Color

61.9403, 0.2762, 0.3440



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.3047, 0.2983, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9403, 0.2762, 0.3440 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(153, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 207)  
}
```

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(153, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 61.9403, 0.2762, 0.3440 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(153, 219, 207) }
```

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

```
.border{ border-color:rgb(153, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9403, 0.2762, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 207) }
```

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

```
.background{ background-color: rgb(153,  
219, 207) }
```

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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