

Converting Colors

$Yxy(62.3361, 0.2786, 0.3439)$

Have a look what the booklet for
Yxy(62.3361, 0.2786, 0.3439)
contains.

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Color

Yxy(62.3361, 0.2786, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	9DDBCF
RGB	157, 219, 207
RGB Percent	62%, 86%, 81%
CMY	0.3844, 0.1412, 0.1881
CMYK	0.28, 0.00, 0.05, 0.14
HSL	168°, 46%, 74%
HSV	168°, 28%, 86%
XYZ	50.4997, 62.3361, 68.4265
YIQ	199.0940, -33.1000, -16.8760

Conversions

Conversions Part 2

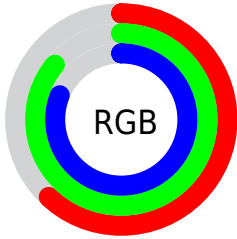
Format	Color
RYB	157, 191, 219
Decimal	10345423
CIELab	83.09, -22.15, -0.46
CIElCh	83, 22.157, 181.197
Yxy	62.3361, 0.2786, 0.3439
Android (android.graphics.Color)	4288535503 (0xFF9DDBCF)
YUV	199.0940, 3.8977, -36.9164
Hunter-Lab	78.9532, -23.9968, 3.8823

Details

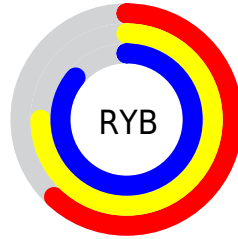
The Yxy color **62.3361, 0.2786, 0.3439** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0318, 0.3627, 0.3148**, and the grayscale version is **57.1653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **31.7939, 0.2703, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **60.1260, 0.2683, 0.3500**, and if you desaturate by 10%, it is **64.9516, 0.2900, 0.3382**.

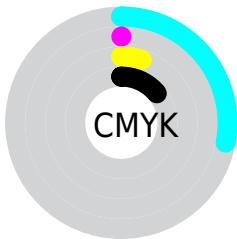
Distribution



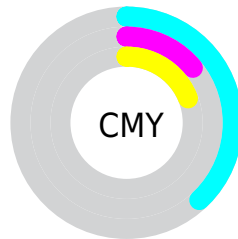
- Red (62%)
- Green (86%)
- Blue (81%)



- Red (62%)
- Yellow (75%)
- Blue (86%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)





- Cyan (38%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3361, 0.2786, 0.3439 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 62.3361, 0.2786, 0.3439 by changing the saturation by 10% instead.

 62.3361, 0.2786,
0.3439

 62.3361, 0.2786,
0.3439


433.1560, 0.2948,
0.3369

 45.3043, 0.2748,
0.3455


 108.2111, 0.2843,
0.3414

 31.6972, 0.2701,
0.3476

 137.8232, 0.2865,
0.3405

 21.1303, 0.2640,
0.3502


172.3975, 0.2884,
0.3397

 13.2193, 0.2559,
0.3537

212.3184, 0.2900,
0.3390

 7.5797, 0.2446,
0.3586

257.9703, 0.2914,
0.3383

 3.8272, 0.2278,
0.3657

309.7376, 0.2927,

 1.5774, 0.2002,

0.3378

0.3774

368.0047, 0.2938,
0.3373

0.3423, 0.0000,
0.4580

0.0000, 0.0000,
0.0000

62.3361, 0.2786,
0.3439

62.3361, 0.2786,
0.3439

60.1260, 0.2683,
0.3500

64.9516, 0.2900,
0.3382

58.2926, 0.2595,
0.3565

67.9844, 0.3022,
0.3330


56.8152, 0.2522,
0.3632


71.4554, 0.3149,
0.3282

55.6683, 0.2469,
0.3702


75.3817, 0.3279,
0.3240


 54.8227, 0.2435,
0.3772


 77.5358, 0.3325,
0.3199

 54.2440, 0.2420,
0.3843


 77.7735, 0.3296,
0.3157

 53.8819, 0.2422,
0.3912

 78.0171, 0.3267,
0.3116

 53.8298, 0.2423,
0.3924

 78.2664, 0.3238,
0.3075

 78.5216, 0.3210,
0.3034

Harmonies

Analogous

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



62.3361, 0.3035, 0.3671



62.3361, 0.2786, 0.3439



62.3361, 0.2631, 0.3172

Triad

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



62.3361, 0.2786, 0.3439



62.3361, 0.2922, 0.2839



62.3361, 0.3679, 0.3595

Complementary

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



62.3361, 0.2786, 0.3439



42.0318, 0.3627, 0.3148

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.



62.3361, 0.3650, 0.3371



62.3361, 0.2786, 0.3439



62.3361, 0.3202, 0.2948

Square

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



62.3361, 0.2786, 0.3439



62.3361, 0.2707, 0.2838



62.3361, 0.3472, 0.3139



62.3361, 0.3555, 0.3752

Rectangle

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



62.3361, 0.2786, 0.3439



62.3361, 0.2597, 0.3017



62.3361, 0.3472, 0.3139



62.3361, 0.3688, 0.3525

Sweetspot

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



62.3386, 0.2786, 0.3439



96.0833, 0.3025, 0.3329



61.5770, 0.3176, 0.4086



20.4178, 0.3006, 0.3336



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.



62.3386, 0.2786, 0.3439



86.0670, 0.2723, 0.3475



53.7744, 0.2693, 0.3053



14.7842, 0.3008, 0.3335



31.9327, 0.2420, 0.3913



2.0800, 0.2389, 0.3800

Inverse Universe

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



42.0318, 0.3627, 0.3148



52.8800, 0.3775, 0.3116



48.3846, 0.3686, 0.3514



13.0924, 0.3261, 0.3245



9.0423, 0.6084, 0.3125



0.5979, 0.5638, 0.2879

Previews

White Background



This preview shows how the Yxy color 62.3361, 0.2786, 0.3439 looks on a white background.

Color Contrast Check

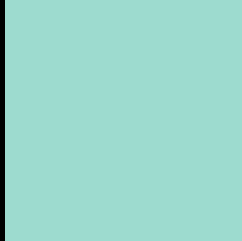
Large Text (above 18pt) WCAG AA × Fail

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 62.3361, 0.2786, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

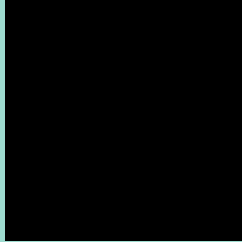
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

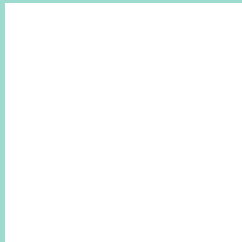
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3361, 0.2786, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 62.3361, 0.2786, 0.3439.

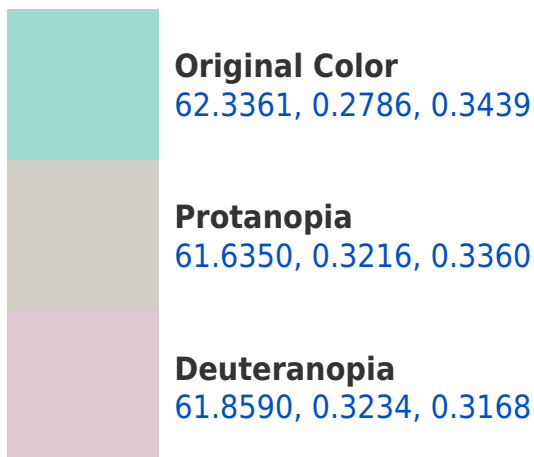


This preview shows how white text looks on a background with the Yxy color 62.3361, 0.2786, 0.3439.

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

62.1085, 0.2670, 0.3084

Trichromacy



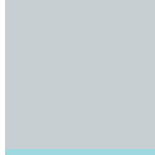
Original Color

62.3361, 0.2786, 0.3439



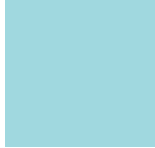
Protanomaly

61.4338, 0.3042, 0.3386



Deuteranomaly

61.5582, 0.3054, 0.3255



Tritanomaly

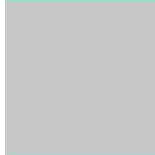
61.9130, 0.2710, 0.3203

Monochromacy



Original Color

62.3361, 0.2786, 0.3439



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5972, 0.2991, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3361, 0.2786, 0.3439 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(157, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 62.3361, 0.2786, 0.3439 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(157, 219, 207) }
```

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

```
.border{ border-color:rgb(157, 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(157, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3361, 0.2786, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 207) }
```

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

```
.background{ background-color: rgb(157,  
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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