

Converting Colors

$Yxy(62.3399, 0.2804, 0.3465)$

Have a look what the booklet for
Yxy(62.3399, 0.2804, 0.3465)
contains.

Yxy(62.3399, 0.2804, 0.3465)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.3399, 0.2804, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	9EDBCD
RGB	158, 219, 205
RGB Percent	62%, 86%, 80%
CMY	0.3805, 0.1411, 0.1961
CMYK	0.28, 0.00, 0.06, 0.14
HSL	166°, 46%, 74%
HSV	166°, 28%, 86%
XYZ	50.4476, 62.3399, 67.1256
YIQ	199.1650, -31.8620, -17.2860

Conversions

Conversions Part 2

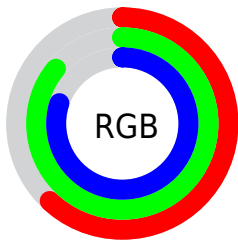
Format	Color
RYB	158, 192, 219
Decimal	10410957
CIELab	83.09, -22.30, 0.63
CIELCh	83, 22.309, 178.373
Yxy	62.3399, 0.2804, 0.3465
Android (android.graphics.Color)	4288601037 (0xFF9EDBCD)
YUV	199.1650, 2.8767, -36.1017
Hunter-Lab	78.9556, -24.1221, 4.8624

Details

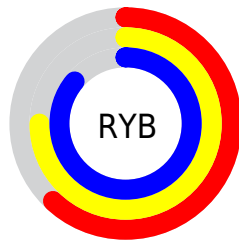
The Yxy color **62.3399, 0.2804, 0.3465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4876, 0.3594, 0.3123**, and the grayscale version is **57.2149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **31.7885, 0.2725, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **60.0771, 0.2705, 0.3538**, and if you desaturate by 10%, it is **65.0113, 0.2914, 0.3397**.

Distribution



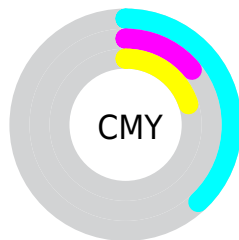
- Red (62%)
- Green (86%)
- Blue (80%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (38%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3399, 0.2804, 0.3465 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 62.3399, 0.2804, 0.3465 by changing the saturation by 10% instead.

 62.3399, 0.2804,
0.3465

 62.3399, 0.2804,
0.3465


433.1699, 0.2958,
0.3382

 45.3074, 0.2768,
0.3485


 108.2166, 0.2858,
0.3436

 31.6996, 0.2723,
0.3509


 137.8297, 0.2879,
0.3424

 21.1322, 0.2665,
0.3541


172.4050, 0.2897,
0.3415

 13.2207, 0.2587,
0.3583

212.3270, 0.2912,
0.3406

 7.5807, 0.2479,
0.3643

257.9801, 0.2926,
0.3399

 3.8278, 0.2317,
0.3732

309.7487, 0.2938,

 1.5777, 0.2050,

0.3393

0.3881

368.0171, 0.2948,
0.3387

0.3425, 0.0000,
0.5103

0.0000, 0.0000,
0.0000

62.3399, 0.2804,
0.3465

62.3399, 0.2804,
0.3465

60.0771, 0.2705,
0.3538

65.0113, 0.2914,
0.3397

58.1943, 0.2618,
0.3616

68.1032, 0.3031,
0.3335

56.6709, 0.2548,
0.3697

71.6364, 0.3154,
0.3278

55.4813, 0.2497,
0.3782


75.6282, 0.3278,
0.3228

 54.5966, 0.2465,
0.3867


 77.6490, 0.3312,
0.3179

 53.9827, 0.2452,
0.3952


 77.9360, 0.3277,
0.3130

 53.5919, 0.2458,
0.4037

 78.2312, 0.3242,
0.3081

 53.5213, 0.2460,
0.4055

 78.5346, 0.3208,
0.3032

 78.8465, 0.3175,
0.2985

Harmonies

Analogous

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



62.3399, 0.3061, 0.3691



62.3399, 0.2804, 0.3465



62.3399, 0.2637, 0.3195

Triad

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



62.3399, 0.2804, 0.3465



62.3399, 0.2896, 0.2831



62.3399, 0.3687, 0.3577

Complementary

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



62.3399, 0.2804, 0.3465



42.4876, 0.3594, 0.3123

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.



62.3399, 0.3642, 0.3349



62.3399, 0.2804, 0.3465



62.3399, 0.3175, 0.2932

Square

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



62.3399, 0.2804, 0.3465



62.3399, 0.2689, 0.2841



62.3399, 0.3451, 0.3117



62.3399, 0.3575, 0.3745

Rectangle

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



62.3399, 0.2804, 0.3465



62.3399, 0.2595, 0.3035



62.3399, 0.3451, 0.3117



62.3399, 0.3690, 0.3505

Sweetspot

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



62.3424, 0.2804, 0.3465



96.0360, 0.3029, 0.3336



61.9315, 0.3190, 0.4068



20.4059, 0.3011, 0.3345



0.0000, 0.0000, 0.0000



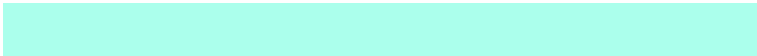
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3424, 0.2804, 0.3465



86.1982, 0.2749, 0.3504



54.9691, 0.2703, 0.3084



14.7757, 0.3013, 0.3344



31.7501, 0.2456, 0.4042



2.0697, 0.2418, 0.3904

Inverse Universe

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



42.4876, 0.3594, 0.3123



54.0547, 0.3720, 0.3089



47.9006, 0.3681, 0.3486



13.1003, 0.3256, 0.3237



9.0819, 0.5981, 0.3069



0.6016, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 62.3399, 0.2804, 0.3465 looks on a white background.

Color Contrast Check

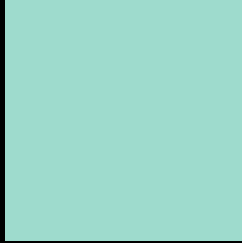
Large Text (above 18pt) WCAG AA × Fail

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 62.3399, 0.2804, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

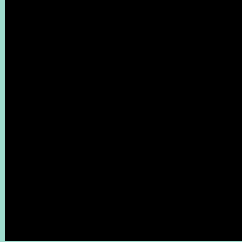
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

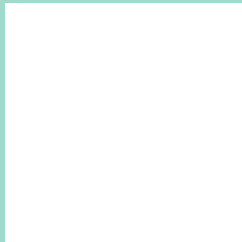
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3399, 0.2804, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 62.3399, 0.2804, 0.3465.

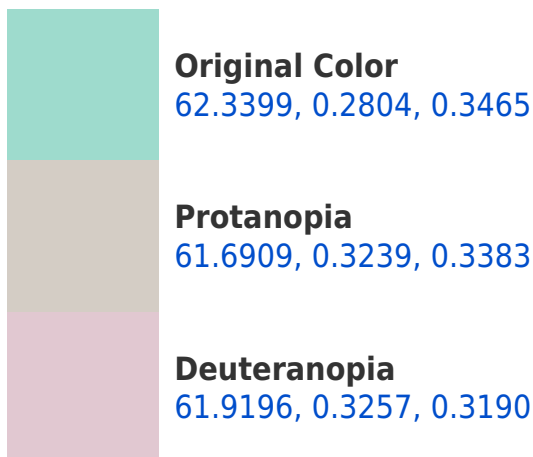


This preview shows how white text looks on a background with the Yxy color 62.3399, 0.2804, 0.3465.

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

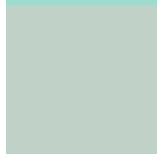
62.3196, 0.2682, 0.3085

Trichromacy



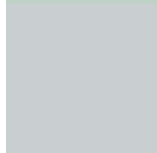
Original Color

62.3399, 0.2804, 0.3465



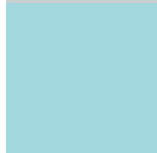
Protanomaly

61.4698, 0.3062, 0.3410



Deuteranomaly

61.5972, 0.3075, 0.3278



Tritanomaly

62.0670, 0.2727, 0.3216

Monochromacy



Original Color

62.3399, 0.2804, 0.3465



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5500, 0.2998, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3399, 0.2804, 0.3465 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(158, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 205)  
}
```

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(158, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.3399, 0.2804, 0.3465 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(158, 219, 205) }
```

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

```
.border{ border-color:rgb(158, 219, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 219, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3399, 0.2804, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 205) }
```

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

```
.background{ background-color: rgb(158,  
219, 205) }
```

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