

Converting Colors

$Y_{xy}(50.1398, 0.2829, 0.3252)$

Have a look what the booklet for
Yxy(50.1398, 0.2829, 0.3252)
contains.

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Color

Yxy(50.3305, 0.2832, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	9EC3C5
RGB	158, 195, 197
RGB Percent	62%, 76%, 77%
CMY	0.3807, 0.2352, 0.2275
CMYK	0.20, 0.01, 0.00, 0.23
HSL	183°, 25%, 70%
HSV	183°, 20%, 77%
XYZ	43.6825, 50.3305, 60.2331
YIQ	184.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

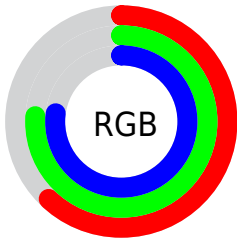
Format	Color
RYB	158, 177, 197
Decimal	10404805
CIELab	76.27, -11.87, -5.09
CIELCh	76, 12.912, 203.224
Yxy	50.3305, 0.2832, 0.3263
Android (android.graphics.Color)	4288594885 (0xFF9EC3C5)
YUV	184.1650, 6.3277, -22.9467
Hunter-Lab	70.9440, -14.2438, -0.6778

Details

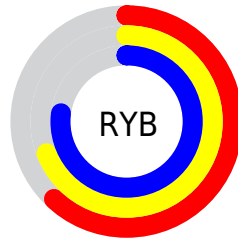
The Yxy color **50.3305, 0.2832, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4444, 0.3510, 0.3317**, and the grayscale version is **47.9963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9227, 0.2881, 0.3269**, and **24.0971, 0.2757, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **48.0485, 0.2697, 0.3248**, and if you desaturate by 10%, it is **52.9398, 0.2977, 0.3277**.

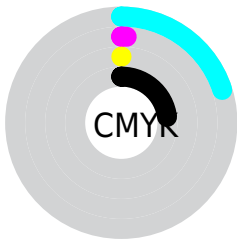
Distribution



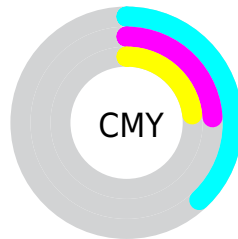
- Red (62%)
- Green (76%)
- Blue (77%)



- Red (62%)
- Yellow (69%)
- Blue (77%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (38%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3305, 0.2832, 0.3263 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 50.3305, 0.2832, 0.3263 by changing the saturation by 10% instead.


 50.3305, 0.2832,
0.3263


 50.3305, 0.2832,
0.3263


387.9570, 0.2977,
0.3278

 35.6761, 0.2797,
0.3259


 90.6644, 0.2884,
0.3269

 24.1841, 0.2752,
0.3253


 117.1126, 0.2904,
0.3271

 15.4703, 0.2694,
0.3246


148.2609, 0.2920,
0.3273

 9.1501, 0.2613,
0.3234

184.4936, 0.2935,
0.3274

 4.8392, 0.2497,
0.3215

226.1952, 0.2947,
0.3275

 2.1532, 0.2314,
0.3181

273.7500, 0.2958,

 0.6943, 0.1695,

0.3276

0.3179

327.5425, 0.2968,
0.3277

0.0000, 0.0000,
0.0000

50.3305, 0.2832,
0.3263

50.3305, 0.2832,
0.3263

48.0485, 0.2697,
0.3248

52.9398, 0.2977,
0.3277

46.0723, 0.2574,
0.3232

55.8844, 0.3130,
0.3290

44.3876, 0.2467,
0.3215

59.1797, 0.3286,
0.3302

42.9762, 0.2378,
0.3199

62.8383, 0.3445,
0.3313

41.8182, 0.2307,
0.3181

66.6008, 0.3590,
0.3322

■ 40.8907, 0.2256,
0.3164

■ 67.0638, 0.3588,
0.3333

■ 40.1667, 0.2222,
0.3148

■ 67.5298, 0.3586,
0.3343

■ 39.5954, 0.2203,
0.3131

■ 67.9988, 0.3584,
0.3353

■ 39.5862, 0.2203,
0.3131

■ 68.4709, 0.3581,
0.3363

Harmonies

Analogous

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



50.3305, 0.2951, 0.3425



50.3305, 0.2832, 0.3263



50.3305, 0.2790, 0.3114

Triad

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



50.3305, 0.2832, 0.3263



50.3305, 0.3128, 0.3047



50.3305, 0.3424, 0.3562

Complementary

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



50.3305, 0.2832, 0.3263



39.4444, 0.3510, 0.3317

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.



50.3305, 0.3476, 0.3452



50.3305, 0.2832, 0.3263



50.3305, 0.3302, 0.3159

Square

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



50.3305, 0.2832, 0.3263



50.3305, 0.2958, 0.2995



50.3305, 0.3431, 0.3305



50.3305, 0.3292, 0.3601

Rectangle

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



50.3305, 0.2832, 0.3263



50.3305, 0.2811, 0.3042



50.3305, 0.3431, 0.3305



50.3305, 0.3452, 0.3532

Sweetspot

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



50.3326, 0.2832, 0.3263



96.7201, 0.3034, 0.3282



49.7269, 0.3088, 0.3802



20.6286, 0.3024, 0.3281



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.



50.3326, 0.2832, 0.3263



88.2240, 0.2769, 0.3256



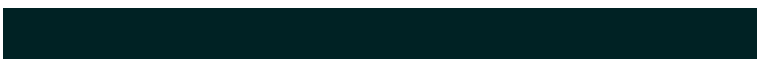
42.1514, 0.2816, 0.2998



11.9721, 0.2984, 0.3278



26.0764, 0.2204, 0.3133



1.2636, 0.2213, 0.3168

Inverse Universe

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



40.2402, 0.3167, 0.2827



66.7769, 0.3177, 0.2719



46.7433, 0.3463, 0.3566



10.8070, 0.3145, 0.3074



10.1724, 0.3339, 0.1613



0.4846, 0.3309, 0.1597

Previews

White Background



This preview shows how the Yxy color 50.3305, 0.2832, 0.3263 looks on a white background.

Color Contrast Check

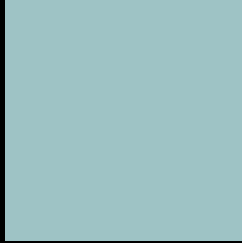
Large Text (above 18pt) WCAG AA × Fail

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 50.3305, 0.2832, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

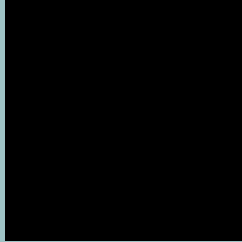
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

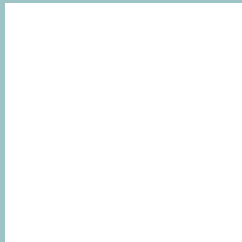
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3305, 0.2832, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 50.3305, 0.2832, 0.3263.

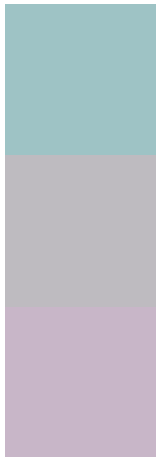


This preview shows how white text looks on a background with the Yxy color 50.3305, 0.2832, 0.3263.

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

50.3305, 0.2832, 0.3263

Protanopia

50.2936, 0.3114, 0.3227

Deuteranopia

49.9054, 0.3137, 0.3072



Tritanopia

50.2170, 0.2767, 0.3082

Trichromacy



Original Color

50.3305, 0.2832, 0.3263

Protanomaly

50.1869, 0.3001, 0.3238

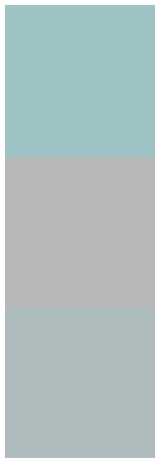
Deuteranomaly

49.9785, 0.3020, 0.3139

Tritanomaly

50.3623, 0.2786, 0.3146

Monochromacy



Original Color

50.3305, 0.2832, 0.3263

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7545, 0.3014, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3305, 0.2832, 0.3263 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, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(158, 195, 197)  
}
```

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, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.3305, 0.2832, 0.3263 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, 195, 197) }
```

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

```
.border{ border-color:rgb(158, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(158, 195,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3305, 0.2832, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 197) }
```

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

```
.background{ background-color: rgb(158,  
195, 197) }
```

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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