

Converting Colors

$Y_{xy}(43.7115, 0.2891, 0.3256)$

Have a look what the booklet for
Yxy(43.7115, 0.2891, 0.3256)
contains.

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Color

Yxy(43.8852, 0.2891, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	9BB6B8
RGB	155, 182, 184
RGB Percent	61%, 71%, 72%
CMY	0.3922, 0.2862, 0.2785
CMYK	0.16, 0.01, 0.00, 0.28
HSL	184°, 17%, 66%
HSV	184°, 16%, 72%
XYZ	38.8940, 43.8852, 51.7555
YIQ	174.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

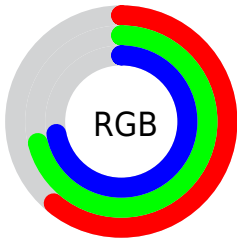
Format	Color
RYB	155, 169, 184
Decimal	10204856
CIELab	72.15, -8.76, -4.10
CIELCh	72, 9.668, 205.090
Yxy	43.8852, 0.2891, 0.3262
Android (android.graphics.Color)	4288394936 (0xFF9BB6B8)
YUV	174.1550, 4.8536, -16.7989
Hunter-Lab	66.2459, -11.1303, 0.0510

Details

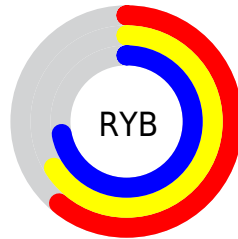
The Yxy color **43.8852, 0.2891, 0.3262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6549, 0.3415, 0.3318**, and the grayscale version is **42.3918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1420, 0.2935, 0.3268**, and **20.2228, 0.2819, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **41.6936, 0.2751, 0.3242**, and if you desaturate by 10%, it is **46.3624, 0.3039, 0.3280**.

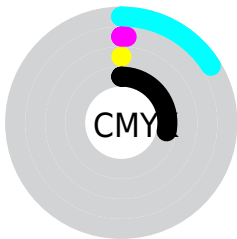
Distribution



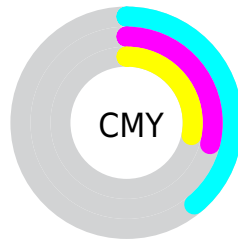
- Red (61%)
- Green (71%)
- Blue (72%)



- Red (61%)
- Yellow (66%)
- Blue (72%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)




- Cyan (39%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8852, 0.2891, 0.3262 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 43.8852, 0.2891, 0.3262 by changing the saturation by 10% instead.


 43.8852, 0.2891,
0.3262


 43.8852, 0.2891,
0.3262


362.2396, 0.3010,
0.3277

 30.5803, 0.2861,
0.3258


 81.0450, 0.2934,
0.3268

 20.2794, 0.2823,
0.3252

 105.6686, 0.2950,
0.3270

 12.5983, 0.2772,
0.3244


134.8339, 0.2964,
0.3272

 7.1525, 0.2700,
0.3233

168.9253, 0.2976,
0.3273

 3.5577, 0.2592,
0.3213

208.3272, 0.2986,
0.3274

 1.4294, 0.2412,
0.3177

253.4239, 0.2995,

 0.2382, 0.0159,

0.3275

0.2989

304.5999, 0.3003,
0.3276

0.0000, 0.0000,
0.0000

43.8852, 0.2891,
0.3262

43.8852, 0.2891,
0.3262

41.6936, 0.2751,
0.3242

46.3624, 0.3039,
0.3280

39.7695, 0.2622,
0.3222

49.1313, 0.3193,
0.3297

38.1014, 0.2507,
0.3200

52.2050, 0.3349,
0.3312

36.6745, 0.2409,
0.3177

55.5938, 0.3505,
0.3326

35.4726, 0.2328,
0.3154

59.3078, 0.3660,
0.3337

■ 34.4776, 0.2266,
0.3131

■ 61.3344, 0.3724,
0.3350

■ 33.6684, 0.2223,
0.3109

■ 61.8765, 0.3721,
0.3363

■ 33.0183, 0.2197,
0.3086

■ 62.4231, 0.3717,
0.3376

■ 32.7663, 0.2188,
0.3077

■ 62.9745, 0.3714,
0.3389

Harmonies

Analogous

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



43.8852, 0.2982, 0.3389



43.8852, 0.2891, 0.3262



43.8852, 0.2862, 0.3147

Triad

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



43.8852, 0.2891, 0.3262



43.8852, 0.3137, 0.3102



43.8852, 0.3355, 0.3507

Complementary

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



43.8852, 0.2891, 0.3262



36.6549, 0.3415, 0.3318

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.



43.8852, 0.3400, 0.3425



43.8852, 0.2891, 0.3262



43.8852, 0.3272, 0.3194

Square

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



43.8852, 0.2891, 0.3262



43.8852, 0.3002, 0.3058



43.8852, 0.3369, 0.3310



43.8852, 0.3249, 0.3532

Rectangle

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



43.8852, 0.2891, 0.3262



43.8852, 0.2882, 0.3092



43.8852, 0.3369, 0.3310



43.8852, 0.3378, 0.3485

Sweetspot

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



43.8870, 0.2891, 0.3262



84.3869, 0.3049, 0.3281



43.6715, 0.3093, 0.3677



18.1204, 0.3039, 0.3280



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.8870, 0.2891, 0.3262



78.1037, 0.2840, 0.3255



38.2680, 0.2883, 0.3057



10.1033, 0.2985, 0.3274



22.6300, 0.2189, 0.3079



0.8293, 0.2205, 0.3137

Inverse Universe

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



37.0055, 0.3163, 0.2932



63.2177, 0.3172, 0.2849



41.8378, 0.3385, 0.3512



9.1519, 0.3148, 0.3080



9.0668, 0.3385, 0.1638



0.3228, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 43.8852, 0.2891, 0.3262 looks on a white background.

Color Contrast Check

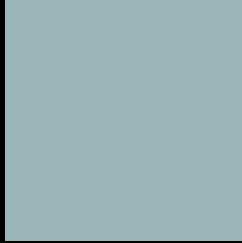
Large Text (above 18pt) WCAG AA × Fail

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 43.8852, 0.2891, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

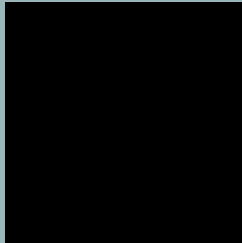
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

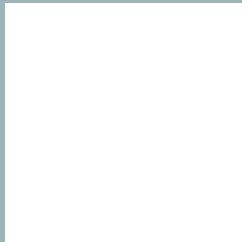
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8852, 0.2891, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 43.8852, 0.2891, 0.3262.

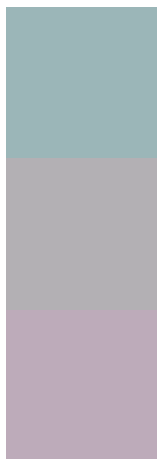


This preview shows how white text looks on a background with the Yxy color 43.8852, 0.2891, 0.3262.

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

43.8852, 0.2891, 0.3262

Protanopia

43.9297, 0.3121, 0.3237

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

43.7507, 0.2826, 0.3086

Trichromacy



Original Color

43.8852, 0.2891, 0.3262

Protanomaly

43.7230, 0.3035, 0.3249

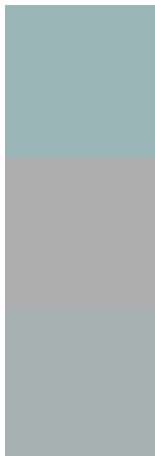
Deuteranomaly

43.5098, 0.3064, 0.3157

Tritanomaly

43.8773, 0.2848, 0.3152

Monochromacy



Original Color

43.8852, 0.2891, 0.3262

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8741, 0.3033, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8852, 0.2891, 0.3262 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(155, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 184)  
}
```

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(155, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.8852, 0.2891, 0.3262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

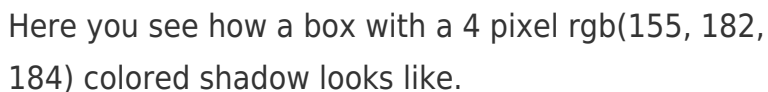
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 182, 184) }
```

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

```
.border{ border-color:rgb(155, 182, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 182, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 182, 184); box-shadow:4px 4px 4px 4px rgb(155, 182, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8852, 0.2891, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 184) }
```

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

```
.background{ background-color: rgb(155,  
182, 184) }
```

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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