

Converting Colors

$Yxy(43.8067, 0.2789, 0.3288)$

Have a look what the booklet for
Yxy(43.8067, 0.2789, 0.3288)
contains.

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Color

Yxy(43.9515, 0.2788, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	8EB9B9
RGB	142, 185, 185
RGB Percent	56%, 73%, 73%
CMY	0.4433, 0.2745, 0.2745
CMYK	0.23, 0.00, 0.00, 0.27
HSL	180°, 24%, 64%
HSV	180°, 23%, 73%
XYZ	37.2565, 43.9515, 52.4238
YIQ	172.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

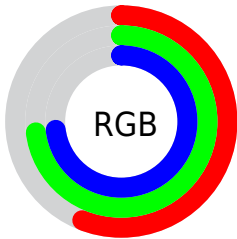
Format	Color
RYB	142, 164, 185
Decimal	9353657
CIELab	72.20, -14.23, -4.69
CIELCh	72, 14.985, 198.248
Yxy	43.9515, 0.2788, 0.3289
Android (android.graphics.Color)	4287543737 (0xFF8EB9B9)
YUV	172.1430, 6.3385, -26.4354
Hunter-Lab	66.2959, -15.7056, -0.4766

Details

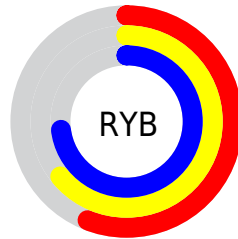
The Yxy color $43.9515, 0.2788, 0.3289$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.6015, 0.3599, 0.3291$, and the grayscale version is $41.3053, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1318, 0.2852, 0.3289$, and $20.3421, 0.2689, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $42.4509, 0.2661, 0.3289$, and if you desaturate by 10%, it is $45.7273, 0.2928, 0.3289$.

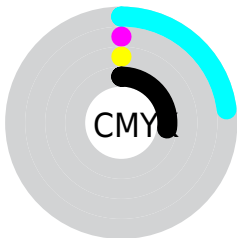
Distribution



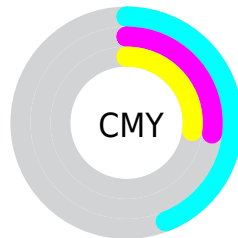
- Red (56%)
- Green (73%)
- Blue (73%)



- Red (56%)
- Yellow (64%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (44%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9515, 0.2788, 0.3289 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 43.9515, 0.2788, 0.3289 by changing the saturation by 10% instead.


 43.9515, 0.2788,
0.3289

 43.9515, 0.2788,
0.3289

362.5103, 0.2958,
0.3292

 30.6324, 0.2746,
0.3288


 81.1448, 0.2850,
0.3290

 20.3191, 0.2691,
0.3286


 105.7877, 0.2873,
0.3291

 12.6272, 0.2618,
0.3282


134.9740, 0.2893,
0.3291

 7.1723, 0.2517,
0.3276

169.0881, 0.2909,
0.3291

 3.5701, 0.2366,
0.3265

208.5144, 0.2924,
0.3291

 1.4361, 0.2117,
0.3237

253.6373, 0.2937,

 0.2431, 0.0000,

0.3291

0.2909

304.8411, 0.2948,
0.3291

0.0000, 0.0000,
0.0000

43.9515, 0.2788,
0.3289

43.9515, 0.2788,
0.3289

42.4509, 0.2661,
0.3289

45.7273, 0.2928,
0.3289

41.2067, 0.2548,
0.3288

47.7853, 0.3077,
0.3290

40.2062, 0.2453,
0.3288

50.1391, 0.3232,
0.3290

39.4333, 0.2375,
0.3288

52.7997, 0.3392,
0.3291

38.8703, 0.2317,
0.3288

55.7775, 0.3552,
0.3291

■ 38.4965, 0.2278,
0.3288

■ 59.0826, 0.3711,
0.3292

■ 38.2874, 0.2255,
0.3288

■ 59.4663, 0.3728,
0.3292

■ 38.2059, 0.2247,
0.3288

■ 59.4663, 0.3728,
0.3292

■ 59.4664, 0.3728,
0.3292

Harmonies

Analogous

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



43.9515, 0.2944, 0.3485



43.9515, 0.2788, 0.3289



43.9515, 0.2721, 0.3101

Triad

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



43.9515, 0.2788, 0.3289



43.9515, 0.3091, 0.2981



43.9515, 0.3506, 0.3601

Complementary

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



43.9515, 0.2788, 0.3289



31.6015, 0.3599, 0.3291

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.



43.9515, 0.3551, 0.3456



43.9515, 0.2788, 0.3289



43.9515, 0.3306, 0.3105

Square

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



43.9515, 0.2788, 0.3289



43.9515, 0.2892, 0.2932



43.9515, 0.3477, 0.3276



43.9515, 0.3358, 0.3668

Rectangle

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



43.9515, 0.2788, 0.3289



43.9515, 0.2735, 0.3007



43.9515, 0.3477, 0.3276



43.9515, 0.3534, 0.3560

Sweetspot

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



43.9533, 0.2788, 0.3289



84.0925, 0.3019, 0.3290



42.4655, 0.3103, 0.3933



18.0811, 0.3010, 0.3290



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.



43.9533, 0.2788, 0.3289



77.2539, 0.2720, 0.3289



35.8741, 0.2764, 0.2985



10.2107, 0.2985, 0.3290



26.0111, 0.2247, 0.3288



0.9170, 0.2247, 0.3287

Inverse Universe

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



31.6015, 0.3599, 0.3291



51.2018, 0.3742, 0.3292



38.3796, 0.3536, 0.3577



9.0122, 0.3288, 0.3290



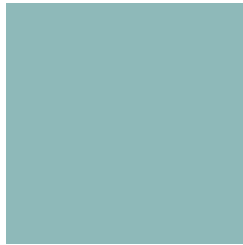
7.0231, 0.6401, 0.3300



0.2476, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 43.9515, 0.2788, 0.3289 looks on a white background.

Color Contrast Check

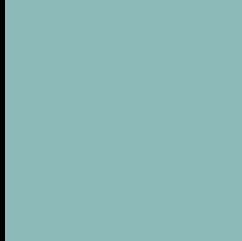
Large Text (above 18pt) WCAG AA × Fail

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 43.9515, 0.2788, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

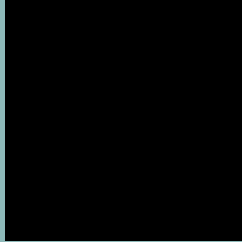
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

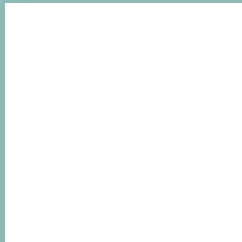
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9515, 0.2788, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 43.9515, 0.2788, 0.3289.



This preview shows how white text looks on a background with the Yxy color 43.9515, 0.2788, 0.3289.

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

43.9515, 0.2788, 0.3289

Protanopia

43.8890, 0.3129, 0.3250

Deuteranopia

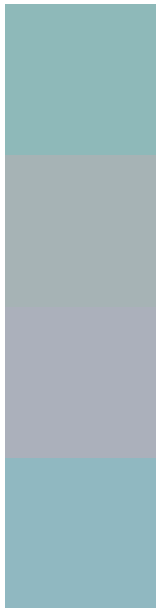
43.4480, 0.3137, 0.3072



Tritanopia

43.9639, 0.2720, 0.3082

Trichromacy



Original Color

43.9515, 0.2788, 0.3289

Protanomaly

43.6834, 0.3001, 0.3262

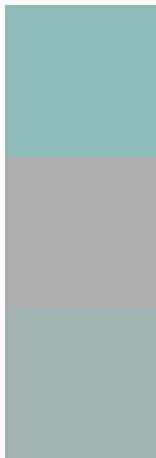
Deuteranomaly

43.2965, 0.2997, 0.3142

Tritanomaly

44.0605, 0.2748, 0.3164

Monochromacy



Original Color

43.9515, 0.2788, 0.3289

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1957, 0.2990, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9515, 0.2788, 0.3289 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(142, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(142, 185, 185)  
}
```

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(142, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 185, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.9515, 0.2788, 0.3289 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(142, 185, 185) }
```

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

```
.border{ border-color:rgb(142, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(142, 185,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9515, 0.2788, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 185, 185) }
```

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

```
.background{ background-color: rgb(142,  
185, 185) }
```

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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