

Converting Colors

$Yxy(44.9404, 0.2829, 0.3300)$

Have a look what the booklet for
Yxy(44.9404, 0.2829, 0.3300)
contains.

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Color

Yxy(44.9165, 0.2833, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	94BAB9
RGB	148, 186, 185
RGB Percent	58%, 73%, 73%
CMY	0.4197, 0.2705, 0.2745
CMYK	0.20, 0.00, 0.01, 0.27
HSL	178°, 22%, 65%
HSV	178°, 20%, 73%
XYZ	38.5251, 44.9165, 52.5454
YIQ	174.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

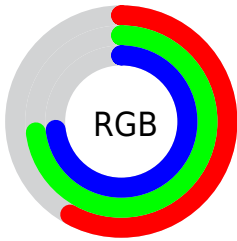
Format	Color
RYB	148, 167, 186
Decimal	9747129
CIELab	72.84, -12.89, -3.71
CIElCh	73, 13.409, 196.055
Yxy	44.9165, 0.2833, 0.3303
Android (android.graphics.Color)	4287937209 (0xFF94BAB9)
YUV	174.5240, 5.1647, -23.2615
Hunter-Lab	67.0198, -14.6771, 0.4288

Details

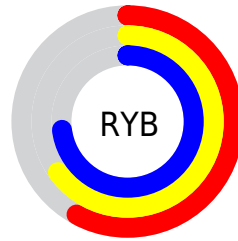
The Yxy color **44.9165, 0.2833, 0.3303** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7788, 0.3518, 0.3277**, and the grayscale version is **42.5908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5516, 0.2889, 0.3300**, and **20.9278, 0.2747, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **43.3008, 0.2704, 0.3310**, and if you desaturate by 10%, it is **46.8147, 0.2973, 0.3296**.

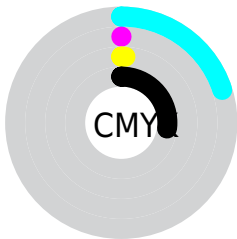
Distribution



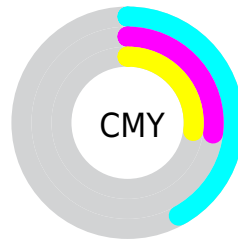
- Red (58%)
- Green (73%)
- Blue (73%)



- Red (58%)
- Yellow (65%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9165, 0.2833, 0.3303 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 44.9165, 0.2833, 0.3303 by changing the saturation by 10% instead.

■ 44.9165, 0.2833,
0.3303

■ 44.9165, 0.2833,
0.3303

■ 366.4353, 0.2980,
0.3298

■ 31.3917, 0.2796,
0.3304

■ 82.5951, 0.2886,
0.3301

■ 20.8973, 0.2749,
0.3305

■ 107.5176, 0.2906,
0.3301

■ 13.0489, 0.2687,
0.3305

■ 137.0082, 0.2923,
0.3300

■ 7.4622, 0.2599,
0.3305

■ 171.4512, 0.2938,
0.3300

■ 3.7528, 0.2469,
0.3303

■ 211.2310, 0.2951,
0.3299

■ 1.5363, 0.2255,
0.3294

■ 256.7320, 0.2962,

■ 0.3141, 0.0000,

0.3299

0.3431

308.3387, 0.2971,
0.3298

0.0000, 0.0000,
0.0000

44.9165, 0.2833,
0.3303

44.9165, 0.2833,
0.3303

43.3008, 0.2704,
0.3310

46.8147, 0.2973,
0.3296

41.9488, 0.2590,
0.3318

49.0021, 0.3120,
0.3290

40.8479, 0.2491,
0.3326

51.4925, 0.3273,
0.3285

39.9823, 0.2410,
0.3334

54.2967, 0.3429,
0.3280

39.3347, 0.2349,
0.3343

57.4252, 0.3585,
0.3276

■ 38.8849, 0.2306,
0.3351

■ 60.0101, 0.3700,
0.3272

■ 38.6095, 0.2280,
0.3359

■ 60.0312, 0.3696,
0.3266

■ 38.4640, 0.2269,
0.3367

■ 60.0523, 0.3692,
0.3261

■ 60.0734, 0.3688,
0.3256

Harmonies

Analogous

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



44.9165, 0.2977, 0.3474



44.9165, 0.2833, 0.3303



44.9165, 0.2767, 0.3134

Triad

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



44.9165, 0.2833, 0.3303



44.9165, 0.3081, 0.3009



44.9165, 0.3470, 0.3560

Complementary

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



44.9165, 0.2833, 0.3303



33.7788, 0.3518, 0.3277

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.



44.9165, 0.3502, 0.3428



44.9165, 0.2833, 0.3303



44.9165, 0.3273, 0.3115

Square

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



44.9165, 0.2833, 0.3303



44.9165, 0.2907, 0.2971



44.9165, 0.3429, 0.3267



44.9165, 0.3345, 0.3624

Rectangle

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



44.9165, 0.2833, 0.3303



44.9165, 0.2774, 0.3047



44.9165, 0.3429, 0.3267



44.9165, 0.3492, 0.3522

Sweetspot

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



44.9183, 0.2833, 0.3303



86.5036, 0.3036, 0.3294



43.6709, 0.3112, 0.3845



18.9932, 0.3026, 0.3294



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.9183, 0.2833, 0.3303



79.8911, 0.2768, 0.3307



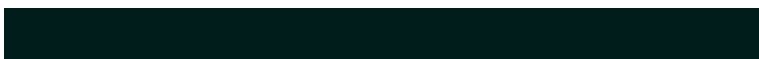
37.9388, 0.2810, 0.3035



10.2065, 0.2989, 0.3296



25.8761, 0.2268, 0.3366



0.9135, 0.2262, 0.3344

Inverse Universe

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



33.7788, 0.3518, 0.3277



55.6798, 0.3643, 0.3274



39.7485, 0.3481, 0.3532



9.0159, 0.3284, 0.3284



7.0320, 0.6367, 0.3281



0.2492, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 44.9165, 0.2833, 0.3303 looks on a white background.

Color Contrast Check

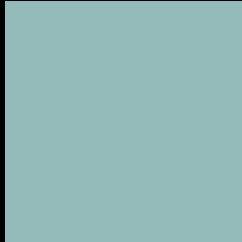
Large Text (above 18pt) WCAG AA × Fail

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 44.9165, 0.2833, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

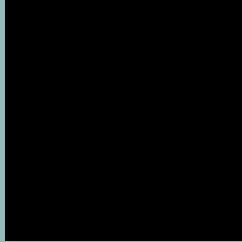
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

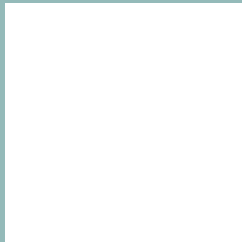
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9165, 0.2833, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 44.9165, 0.2833, 0.3303.

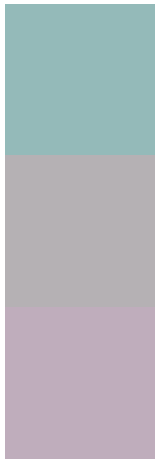


This preview shows how white text looks on a background with the Yxy color 44.9165, 0.2833, 0.3303.

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

44.9165, 0.2833, 0.3303

Protanopia

44.5633, 0.3138, 0.3251

Deuteranopia

44.5943, 0.3163, 0.3099



Tritanopia

44.9838, 0.2758, 0.3085

Trichromacy



Original Color

44.9165, 0.2833, 0.3303

Protanomaly

44.4549, 0.3018, 0.3263

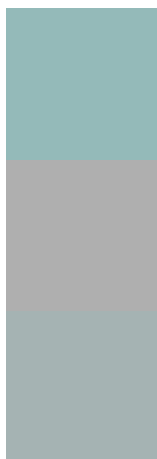
Deuteranomaly

44.5426, 0.3030, 0.3171

Tritanomaly

45.0770, 0.2786, 0.3166

Monochromacy



Original Color

44.9165, 0.2833, 0.3303

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4942, 0.3008, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9165, 0.2833, 0.3303 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(148, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 186, 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(148, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 186, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.9165, 0.2833, 0.3303 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(148, 186, 185) }
```

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

```
.border{ border-color:rgb(148, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(148, 186,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9165, 0.2833, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 186, 185) }
```

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

```
.background{ background-color: rgb(148,  
186, 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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