

# Converting Colors

$Yxy(43.7259, 0.2816, 0.3236)$

Have a look what the booklet for  
Yxy(43.7259, 0.2816, 0.3236)  
contains.

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# Color

**Yxy(43.7507, 0.2817, 0.3233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94B7BB
RGB	148, 183, 187
RGB Percent	58%, 72%, 73%
CMY	0.4195, 0.2824, 0.2666
CMYK	0.21, 0.02, 0.00, 0.27
HSL	186°, 22%, 66%
HSV	186°, 21%, 73%
XYZ	38.1212, 43.7507, 53.4535
YIQ	172.9910, -22.1440, -6.1760

# Conversions

## Conversions Part 2

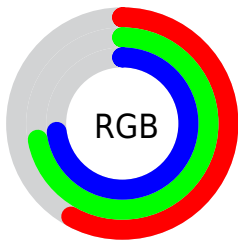
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 166, 187
Decimal	9746363
CIE <sub>Lab</sub>	72.06, -10.84, -5.94
CIE <sub>LCh</sub>	72, 12.364, 208.732
Yxy	43.7507, 0.2817, 0.3233
Android (android.graphics.Color)	4287936443 (0xFF94B7BB)
YUV	172.9910, 6.9064, -21.9171
Hunter-Lab	66.1443, -12.8771, -1.6133

# Details

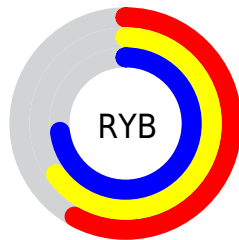
The Yxy color **43.7507, 0.2817, 0.3233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1781, 0.3527, 0.3346**, and the grayscale version is **41.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9006, 0.2876, 0.3246**, and **20.1733, 0.2723, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **41.3575, 0.2680, 0.3202**, and if you desaturate by 10%, it is **46.4401, 0.2963, 0.3262**.

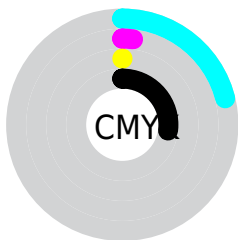
# Distribution



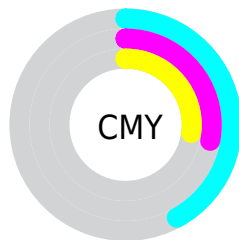
- Red (58%)
- Green (72%)
- Blue (73%)



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



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)




- Cyan (42%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7507, 0.2817, 0.3233 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 43.7507, 0.2817, 0.3233 by changing the saturation by 10% instead.





 43.7507, 0.2817,  
0.3233


 43.7507, 0.2817,  
0.3233


361.6900, 0.2972,  
0.3264

 30.4746, 0.2778,  
0.3225


 80.8425, 0.2874,  
0.3245

 20.1991, 0.2728,  
0.3214


 105.4269, 0.2895,  
0.3249

 12.5398, 0.2662,  
0.3198


134.5496, 0.2913,  
0.3252

 7.1125, 0.2569,  
0.3175

168.5948, 0.2928,  
0.3255

 3.5325, 0.2430,  
0.3138

207.9471, 0.2941,  
0.3258

 1.4157, 0.2201,  
0.3069

252.9908, 0.2953,

 0.2282, 0.0000,

0.3260

0.2558

304.1103, 0.2963,  
0.3262

0.0000, 0.0000,  
0.0000

43.7507, 0.2817,  
0.3233

43.7507, 0.2817,  
0.3233

41.3575, 0.2680,  
0.3202

46.4401, 0.2963,  
0.3262

39.2416, 0.2555,  
0.3170

49.4330, 0.3114,  
0.3288

37.3902, 0.2444,  
0.3136

52.7430, 0.3269,  
0.3312

35.7871, 0.2350,  
0.3101

56.3814, 0.3424,  
0.3333

34.4145, 0.2274,  
0.3065

60.3589, 0.3578,  
0.3352

■ 33.2521, 0.2218,  
0.3030

■ 63.6777, 0.3685,  
0.3370

■ 32.2757, 0.2179,  
0.2995

■ 64.5439, 0.3680,  
0.3390

■ 31.5006, 0.2156,  
0.2963

■ 65.4211, 0.3675,  
0.3410

■ 66.3096, 0.3669,  
0.3430

# Harmonies

## Analogous

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



43.7507, 0.2924, 0.3397



43.7507, 0.2817, 0.3233



43.7507, 0.2791, 0.3091

# Triad

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



43.7507, 0.2817, 0.3233



43.7507, 0.3161, 0.3063



43.7507, 0.3406, 0.3576

# Complementary

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



43.7507, 0.2817, 0.3233



35.1781, 0.3527, 0.3346

# 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.



43.7507, 0.3475, 0.3477



43.7507, 0.2817, 0.3233



43.7507, 0.3331, 0.3184

# Square

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



43.7507, 0.2817, 0.3233



43.7507, 0.2986, 0.2999



43.7507, 0.3447, 0.3333



43.7507, 0.3263, 0.3599



# Rectangle

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



43.7507, 0.2817, 0.3233



43.7507, 0.2823, 0.3027



43.7507, 0.3447, 0.3333



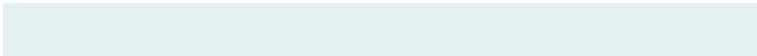
43.7507, 0.3439, 0.3550

# Sweetspot

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



43.7525, 0.2817, 0.3233



85.6377, 0.3034, 0.3274



44.1086, 0.3072, 0.3800



18.7821, 0.3024, 0.3273



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.



43.7525, 0.2817, 0.3233



76.3310, 0.2753, 0.3219



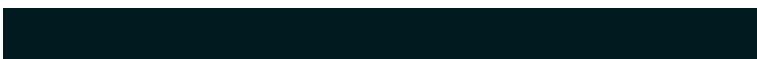
36.3047, 0.2799, 0.2954



10.6370, 0.2985, 0.3266



21.7636, 0.2158, 0.2967



0.9014, 0.2181, 0.3051



# Inverse Universe

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



35.1759, 0.3189, 0.2830



58.3064, 0.3204, 0.2727



41.9900, 0.3476, 0.3605



9.6789, 0.3153, 0.3087



9.2267, 0.3483, 0.1693



0.3664, 0.3410, 0.1652



# Previews

## White Background



This preview shows how the Yxy color 43.7507, 0.2817, 0.3233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

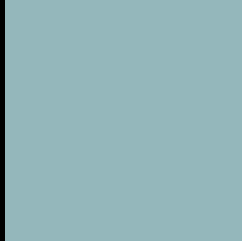
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.7507, 0.2817, 0.3233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

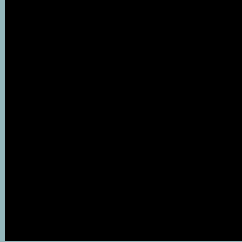
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

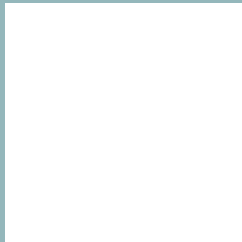
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 43.7507, 0.2817, 0.3233**

## Background



This preview shows how black text looks on a background with the Yxy color 43.7507, 0.2817, 0.3233.



This preview shows how white text looks on a background with the Yxy color 43.7507, 0.2817, 0.3233.

# 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

43.7507, 0.2817, 0.3233

### Protanopia

43.5023, 0.3097, 0.3197

### Deuteranopia

43.3647, 0.3120, 0.3058



## Tritanopia

43.9254, 0.2769, 0.3097

# Trichromacy



## Original Color

43.7507, 0.2817, 0.3233

## Protanomaly

43.5170, 0.2987, 0.3208

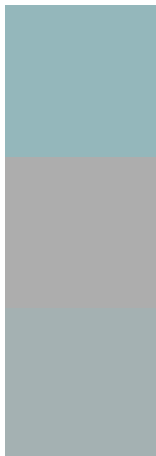
## Deuteranomaly

43.1750, 0.3006, 0.3117

## Tritanomaly

43.6957, 0.2782, 0.3137

# Monochromacy



## Original Color

43.7507, 0.2817, 0.3233

## Achromatopsia

41.7885, 0.3127, 0.3290

## Achromatomaly

42.5511, 0.3008, 0.3276

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.7507, 0.2817, 0.3233 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, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 187)  
}
```

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, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 43.7507, 0.2817, 0.3233 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, 183, 187) }
```

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

```
.border{ border-color:rgb(148, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.7507, 0.2817, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 187) }
```

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

```
.background{ background-color: rgb(148,  
183, 187) }
```

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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