

Converting Colors

$Yxy(44.1647, 0.2818, 0.3247)$

Have a look what the booklet for
Yxy(44.1647, 0.2818, 0.3247)
contains.

Yxy(44.1647, 0.2818, 0.3247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1647, 0.2818, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	94B8BB
RGB	148, 184, 187
RGB Percent	58%, 72%, 73%
CMY	0.4194, 0.2785, 0.2666
CMYK	0.21, 0.02, 0.00, 0.27
HSL	185°, 22%, 66%
HSV	185°, 21%, 73%
XYZ	38.3296, 44.1647, 53.5227
YIQ	173.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

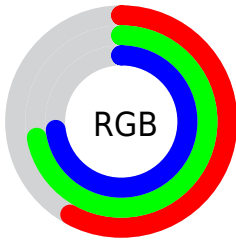
Format	Color
R _Y B	148, 167, 187
Decimal	9746619
CIE Lab	72.34, -11.36, -5.53
CIE LCh	72, 12.641, 205.964
Yxy	44.1647, 0.2818, 0.3247
Android (android.graphics.Color)	4287936699 (0xFF94B8BB)
YUV	173.5780, 6.6170, -22.4319
Hunter-Lab	66.4565, -13.3470, -1.2313

Details

The Yxy color **44.1647, 0.2818, 0.3247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8592, 0.3530, 0.3333**, and the grayscale version is **42.0791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4878, 0.2877, 0.3257**, and **20.4406, 0.2725, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **41.9621, 0.2683, 0.3224**, and if you desaturate by 10%, it is **46.6589, 0.2963, 0.3269**.

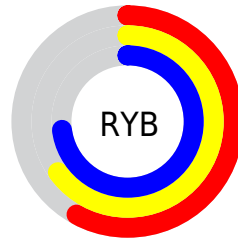
Distribution



Red (58%)

Green (72%)

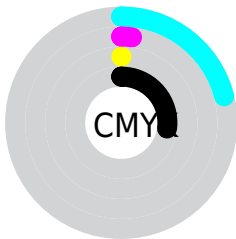
Blue (73%)



Red (58%)

Yellow (65%)

Blue (73%)

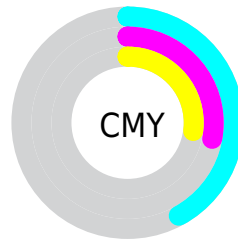


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1647, 0.2818, 0.3247 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 44.1647, 0.2818, 0.3247 by changing the saturation by 10% instead.

■ 44.1647, 0.2818,
0.3247

■ 44.1647, 0.2818,
0.3247

■ 363.3799, 0.2973,
0.3271

■ 30.8000, 0.2779,
0.3241

■ 81.4655, 0.2874,
0.3256

■ 20.4466, 0.2730,
0.3232

■ 106.1704, 0.2895,
0.3259

■ 12.7201, 0.2664,
0.3220

■ 135.4242, 0.2913,
0.3262

■ 7.2361, 0.2571,
0.3201

■ 169.6113, 0.2928,
0.3264

■ 3.6102, 0.2434,
0.3171

■ 209.1160, 0.2942,
0.3266

■ 1.4580, 0.2208,
0.3114

■ 254.3227, 0.2953,

■ 0.2589, 0.0000,

0.3268

0.2791

305.6159, 0.2964,
0.3269

0.0000, 0.0000,
0.0000

44.1647, 0.2818,
0.3247

44.1647, 0.2818,
0.3247

41.9621, 0.2683,
0.3224

46.6589, 0.2963,
0.3269

40.0320, 0.2560,
0.3200

49.4518, 0.3114,
0.3288

38.3617, 0.2452,
0.3174

52.5571, 0.3269,
0.3307

36.9352, 0.2361,
0.3148

55.9860, 0.3426,
0.3323

35.7346, 0.2288,
0.3122

59.7492, 0.3581,
0.3337

■ 34.7395, 0.2235,
0.3096

■ 62.8468, 0.3690,
0.3351

■ 33.9259, 0.2200,
0.3070

■ 63.4887, 0.3686,
0.3366

■ 33.2957, 0.2180,
0.3046

■ 64.1369, 0.3682,
0.3381

■ 64.7914, 0.3678,
0.3396

Harmonies

Analogous

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



44.1647, 0.2933, 0.3414



44.1647, 0.2818, 0.3247



44.1647, 0.2784, 0.3098

Triad

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



44.1647, 0.2818, 0.3247



44.1647, 0.3145, 0.3050



44.1647, 0.3422, 0.3575

Complementary

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



44.1647, 0.2818, 0.3247



34.8592, 0.3530, 0.3333

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.



44.1647, 0.3483, 0.3468



44.1647, 0.2818, 0.3247



44.1647, 0.3321, 0.3168

Square

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



44.1647, 0.2818, 0.3247



44.1647, 0.2968, 0.2991



44.1647, 0.3446, 0.3319



44.1647, 0.3281, 0.3607

Rectangle

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



44.1647, 0.2818, 0.3247



44.1647, 0.2810, 0.3029



44.1647, 0.3446, 0.3319



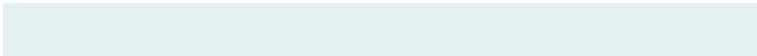
44.1647, 0.3452, 0.3546

Sweetspot

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



44.1665, 0.2818, 0.3247



85.8577, 0.3034, 0.3278



44.0677, 0.3081, 0.3819



18.8357, 0.3024, 0.3277



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.



44.1665, 0.2818, 0.3247



77.2267, 0.2755, 0.3237



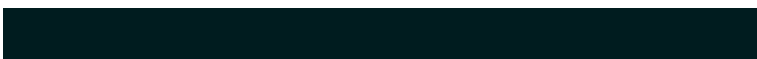
36.7738, 0.2800, 0.2973



10.6797, 0.2985, 0.3272



22.9866, 0.2180, 0.3049



0.9383, 0.2198, 0.3111

Inverse Universe

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



35.2209, 0.3179, 0.2817



58.3968, 0.3192, 0.2712



41.5021, 0.3479, 0.3588



9.6832, 0.3149, 0.3081



9.3502, 0.3411, 0.1653



0.3701, 0.3358, 0.1623

Previews

White Background



This preview shows how the Yxy color 44.1647, 0.2818, 0.3247 looks on a white background.

Color Contrast Check

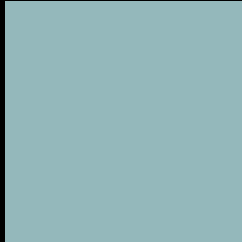
Large Text (above 18pt) WCAG AA × Fail

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 44.1647, 0.2818, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

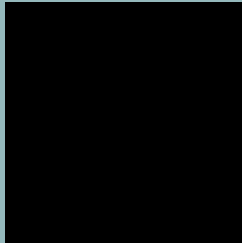
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

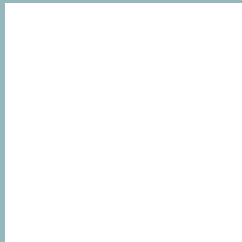
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1647, 0.2818, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 44.1647, 0.2818, 0.3247.



This preview shows how white text looks on a background with the Yxy color 44.1647, 0.2818, 0.3247.

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

44.1647, 0.2818, 0.3247

Protanopia

44.0118, 0.3105, 0.3211

Deuteranopia

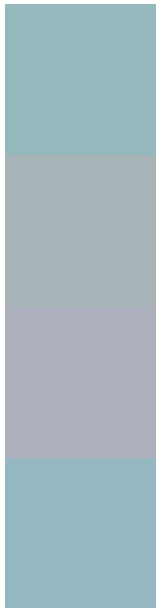
43.9141, 0.3120, 0.3060



Tritanopia

43.9711, 0.2762, 0.3084

Trichromacy



Original Color

44.1647, 0.2818, 0.3247

Protanomaly

44.0257, 0.2995, 0.3222

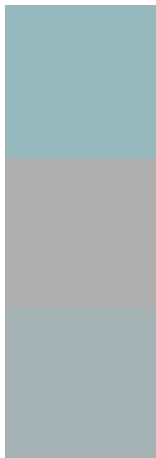
Deuteranomaly

43.6090, 0.2998, 0.3117

Tritanomaly

44.1068, 0.2783, 0.3151

Monochromacy



Original Color

44.1647, 0.2818, 0.3247

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0948, 0.3008, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1647, 0.2818, 0.3247 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, 184, 187)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 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, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 187) }
```

Border

The CSS property to change the border of an element to Yxy 44.1647, 0.2818, 0.3247 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, 184, 187) }
```

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

```
.border{ border-color:rgb(148, 184, 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, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 184, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 184, 187);  
box-shadow:4px 4px 4px 4px rgb(148, 184,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1647, 0.2818, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 187) }
```

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

```
.background{ background-color: rgb(148,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor