

Converting Colors

$Yxy(32.8739, 0.3111, 0.3498)$

Have a look what the booklet for
Yxy(32.8739, 0.3111, 0.3498)
contains.

Yxy(32.8913, 0.3108, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8913, 0.3108, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	919F92
RGB	145, 159, 146
RGB Percent	57%, 62%, 57%
CMY	0.4313, 0.3765, 0.4274
CMYK	0.09, 0.00, 0.08, 0.38
HSL	124°, 7%, 60%
HSV	124°, 9%, 62%
XYZ	29.2660, 32.8913, 32.0062
YIQ	153.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

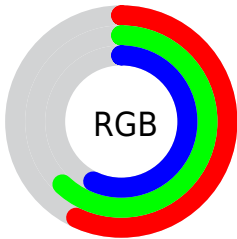
Format	Color
RYB	145, 158, 159
Decimal	9543570
CIELab	64.07, -7.51, 5.08
CIELCh	64, 9.063, 145.939
Yxy	32.8913, 0.3108, 0.3493
Android (android.graphics.Color)	4287733650 (0xFF919F92)
YUV	153.3320, -3.6147, -7.3072
Hunter-Lab	57.3509, -9.2761, 7.0573

Details

The Yxy color **32.8913, 0.3108, 0.3493** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0943, 0.3147, 0.3095**, and the grayscale version is **32.0267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4054, 0.3112, 0.3454**, and **14.0025, 0.3101, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **31.1176, 0.3085, 0.3753**, and if you desaturate by 10%, it is **34.9293, 0.3130, 0.3264**.

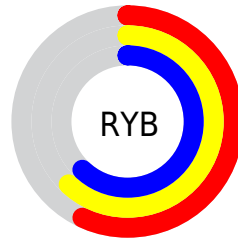
Distribution



Red (57%)

Green (62%)

Blue (57%)



Red (57%)

Yellow (62%)

Blue (62%)

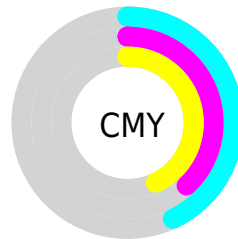


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (43%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8913, 0.3108, 0.3493 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 32.8913, 0.3108, 0.3493 by changing the saturation by 10% instead.


 32.8913, 0.3108,
0.3493


 32.8913, 0.3108,
0.3493


315.1596, 0.3119,
0.3384

 22.0432, 0.3105,
0.3523


 64.2058, 0.3112,
0.3452

 13.8886, 0.3100,
0.3563

 85.4409, 0.3114,
0.3437

 8.0433, 0.3094,
0.3620


110.9072, 0.3115,
0.3424

 4.1226, 0.3083,
0.3707

140.9891, 0.3116,
0.3414

 1.7424, 0.3064,
0.3855

176.0708, 0.3117,
0.3405

 0.4509, 0.2947,
0.5418

216.5369, 0.3118,

 0.0000, 0.0000,

0.3397

0.0000

262.7717, 0.3118,
0.3390

■ 32.8913, 0.3108,
0.3493

■ 32.8913, 0.3108,
0.3493

■ 31.1176, 0.3085,
0.3753

■ 34.9293, 0.3130,
0.3264

■ 29.5933, 0.3062,
0.4042

■ 37.2374, 0.3150,
0.3064

■ 28.3086, 0.3039,
0.4357

■ 39.8265, 0.3169,
0.2891

■ 27.2513, 0.3018,
0.4687

■ 42.7055, 0.3185,
0.2742

■ 26.4080, 0.3000,
0.5018

■ 45.8830, 0.3201,
0.2614

■ 25.7642, 0.2987,
0.5329

■ 49.3674, 0.3215,
0.2503

■ 25.3033, 0.2981,
0.5597

■ 52.9167, 0.3216,
0.2404

■ 25.0063, 0.2982,
0.5802

■ 53.2759, 0.3171,
0.2357

■ 24.8378, 0.2985,
0.5934

Harmonies

Analogous

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



32.8913, 0.3250, 0.3540



32.8913, 0.3108, 0.3493



32.8913, 0.2974, 0.3388

Triad

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



32.8913, 0.3108, 0.3493



32.8913, 0.2897, 0.3065



32.8913, 0.3379, 0.3314

Complementary

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



32.8913, 0.3108, 0.3493



30.0943, 0.3147, 0.3095

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.



32.8913, 0.3280, 0.3194



32.8913, 0.3108, 0.3493



32.8913, 0.3002, 0.3052

Square

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



32.8913, 0.3108, 0.3493



32.8913, 0.2854, 0.3139



32.8913, 0.3142, 0.3099



32.8913, 0.3408, 0.3432

Rectangle

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



32.8913, 0.3108, 0.3493



32.8913, 0.2906, 0.3301



32.8913, 0.3142, 0.3099



32.8913, 0.3353, 0.3273

Sweetspot

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



32.8927, 0.3108, 0.3493



60.9435, 0.3121, 0.3358



34.1165, 0.3245, 0.3501



13.6752, 0.3119, 0.3376



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.8927, 0.3108, 0.3493



58.0993, 0.3103, 0.3553



33.1148, 0.3047, 0.3384



7.4084, 0.3107, 0.3504



19.6073, 0.2983, 0.5939



0.3526, 0.2904, 0.5653

Inverse Universe

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



30.0943, 0.3147, 0.3095



51.8149, 0.3152, 0.3041



29.8625, 0.3215, 0.3198



6.7464, 0.3148, 0.3085



7.5033, 0.3394, 0.1643



0.1364, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 32.8913, 0.3108, 0.3493 looks on a white background.

Color Contrast Check

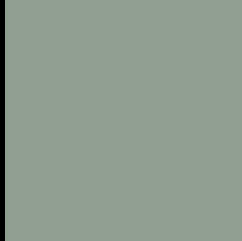
Large Text (above 18pt) WCAG AA × Fail

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 32.8913, 0.3108, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

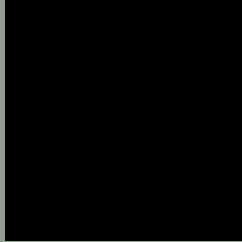
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

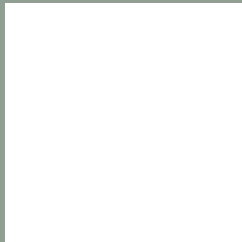
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.8913, 0.3108, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 32.8913, 0.3108, 0.3493.

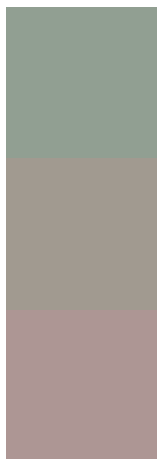


This preview shows how white text looks on a background with the Yxy color 32.8913, 0.3108, 0.3493.

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

32.8913, 0.3108, 0.3493

Protanopia

32.7019, 0.3292, 0.3441

Deuteranopia

32.8350, 0.3385, 0.3320



Tritanopia

32.9936, 0.2955, 0.3109

Trichromacy



Original Color

32.8913, 0.3108, 0.3493

Protanomaly

32.7898, 0.3219, 0.3458

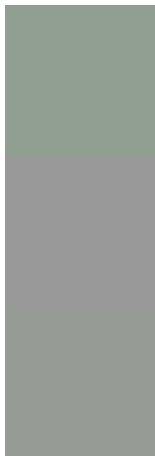
Deuteranomaly

32.6756, 0.3285, 0.3380

Tritanomaly

32.9479, 0.3014, 0.3244

Monochromacy



Original Color

32.8913, 0.3108, 0.3493

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1287, 0.3124, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8913, 0.3108, 0.3493 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(145, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 159, 146)  
}
```

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(145, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 159, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.8913, 0.3108, 0.3493 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(145, 159, 146) }
```

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

```
.border{ border-color:rgb(145, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 159,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8913, 0.3108, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 159, 146) }
```

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

```
.background{ background-color: rgb(145,  
159, 146) }
```

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