

Converting Colors

$Y_{xy}(32.1014, 0.2931, 0.3517)$

Have a look what the booklet for
Yxy(32.1014, 0.2931, 0.3517)
contains.

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Color

Yxy(32.1083, 0.2933, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	7FA193
RGB	127, 161, 147
RGB Percent	50%, 63%, 58%
CMY	0.5018, 0.3687, 0.4235
CMYK	0.21, 0.00, 0.09, 0.37
HSL	155°, 15%, 56%
HSV	155°, 21%, 63%
XYZ	26.7691, 32.1083, 32.3912
YIQ	149.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

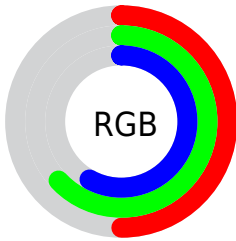
Format	Color
RYB	127, 148, 161
Decimal	8364435
CIELab	63.43, -14.64, 3.44
CIELCh	63, 15.035, 166.772
Yxy	32.1083, 0.2933, 0.3518
Android (android.graphics.Color)	4286554515 (0xFF7FA193)
YUV	149.2380, -1.1033, -19.5027
Hunter-Lab	56.6642, -14.8360, 5.7727

Details

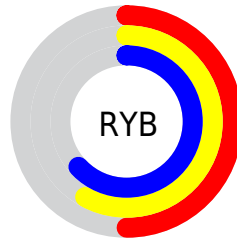
The Yxy color **32.1083, 0.2933, 0.3518** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6919, 0.3373, 0.3073**, and the grayscale version is **30.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0321, 0.2970, 0.3472**, and **13.3596, 0.2869, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **30.7677, 0.2848, 0.3643**, and if you desaturate by 10%, it is **33.6611, 0.3023, 0.3404**.

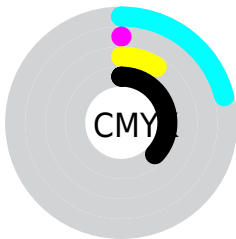
Distribution



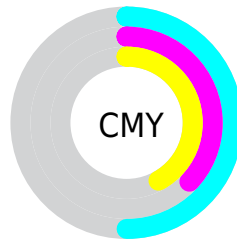
- Red (50%)
- Green (63%)
- Blue (58%)



- Red (50%)
- Yellow (58%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)





- Cyan (50%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1083, 0.2933, 0.3518 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 32.1083, 0.2933, 0.3518 by changing the saturation by 10% instead.

 32.1083, 0.2933,
0.3518


 32.1083, 0.2933,
0.3518


311.6123, 0.3037,
0.3395


 21.4442, 0.2905,
0.3552


 62.9808, 0.2973,
0.3471

 13.4491, 0.2866,
0.3598


 83.9581, 0.2987,
0.3454

 7.7385, 0.2812,
0.3663


 109.1419, 0.2999,
0.3440

 3.9281, 0.2730,
0.3763

138.9165, 0.3009,
0.3428

 1.6334, 0.2590,
0.3937

173.6665, 0.3017,
0.3418

 0.3800, 0.0069,
0.6822

213.7762, 0.3025,

 0.0000, 0.0000,

0.3410

0.0000

259.6300, 0.3031,
0.3402

■ 32.1083, 0.2933,
0.3518

■ 32.1083, 0.2933,
0.3518

■ 30.7677, 0.2848,
0.3643

■ 33.6611, 0.3023,
0.3404

■ 29.6258, 0.2772,
0.3779

■ 35.4311, 0.3117,
0.3301

■ 28.6736, 0.2708,
0.3925

■ 37.4279, 0.3212,
0.3208

■ 27.8998, 0.2658,
0.4077

■ 39.6597, 0.3306,
0.3126

■ 27.2919, 0.2625,
0.4234

■ 42.1338, 0.3399,
0.3054

■ 26.8357, 0.2612,
0.4393

■ 44.8576, 0.3488,
0.2991

■ 26.5143, 0.2618,
0.4549

■ 47.8379, 0.3575,
0.2935

■ 26.3069, 0.2635,
0.4686

■ 50.9212, 0.3650,
0.2886

■ 51.2384, 0.3588,
0.2819

Harmonies

Analogous

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



32.1083, 0.3166, 0.3672



32.1083, 0.2933, 0.3518



32.1083, 0.2757, 0.3299

Triad

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



32.1083, 0.2933, 0.3518



32.1083, 0.2856, 0.2893



32.1083, 0.3599, 0.3464

Complementary

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



32.1083, 0.2933, 0.3518



24.6919, 0.3373, 0.3073

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.



32.1083, 0.3510, 0.3264



32.1083, 0.2933, 0.3518



32.1083, 0.3074, 0.2943

Square

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



32.1083, 0.2933, 0.3518



32.1083, 0.2713, 0.2942



32.1083, 0.3315, 0.3076



32.1083, 0.3555, 0.3630

Rectangle

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



32.1083, 0.2933, 0.3518



32.1083, 0.2692, 0.3153



32.1083, 0.3315, 0.3076



32.1083, 0.3583, 0.3399

Sweetspot

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



32.1096, 0.2933, 0.3518



61.8165, 0.3070, 0.3351



32.7003, 0.3237, 0.3836



13.5159, 0.3064, 0.3357



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.



32.1096, 0.2933, 0.3518



56.4122, 0.2895, 0.3572



31.5984, 0.2818, 0.3244



7.9616, 0.3040, 0.3384



21.0209, 0.2632, 0.4674



0.4508, 0.2476, 0.4112

Inverse Universe

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



24.6919, 0.3373, 0.3073



40.8539, 0.3438, 0.3026



25.0426, 0.3530, 0.3336



7.1321, 0.3223, 0.3198



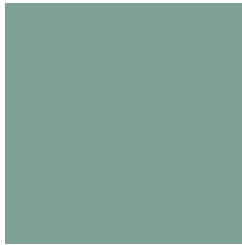
6.3768, 0.5283, 0.2684



0.1433, 0.4388, 0.2191

Previews

White Background



This preview shows how the Yxy color 32.1083, 0.2933, 0.3518 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 32.1083, 0.2933, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

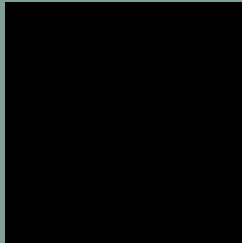
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1083, 0.2933, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 32.1083, 0.2933, 0.3518.

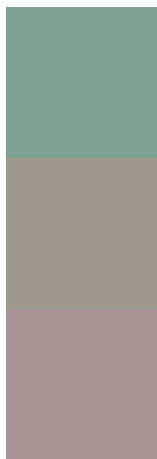


This preview shows how white text looks on a background with the Yxy color 32.1083, 0.2933, 0.3518.

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

32.1083, 0.2933, 0.3518

Protanopia

32.0046, 0.3282, 0.3458

Deuteranopia

31.8168, 0.3327, 0.3261



Tritanopia

32.1813, 0.2780, 0.3102

Trichromacy



Original Color

32.1083, 0.2933, 0.3518

Protanomaly

31.9936, 0.3148, 0.3478

Deuteranomaly

31.8224, 0.3174, 0.3351

Tritanomaly

32.1507, 0.2836, 0.3242

Monochromacy



Original Color

32.1083, 0.2933, 0.3518

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.5833, 0.3054, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1083, 0.2933, 0.3518 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(127, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 147)  
}
```

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(127, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.1083, 0.2933, 0.3518 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(127, 161, 147) }
```

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

```
.border{ border-color:rgb(127, 161, 147) }
```

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

Here you see how a box with a 4 pixel rgb(127, 161, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1083, 0.2933, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 147) }
```

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

```
.background{ background-color: rgb(127,  
161, 147) }
```

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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