

Converting Colors

$Yxy(32.4949, 0.3117, 0.3874)$

Have a look what the booklet for
Yxy(32.4949, 0.3117, 0.3874)
contains.

Yxy(32.4987, 0.3119, 0.3868)	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(32.4987, 0.3119, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	82A380
RGB	130, 163, 128
RGB Percent	51%, 64%, 50%
CMY	0.4900, 0.3608, 0.4980
CMYK	0.20, 0.00, 0.21, 0.36
HSL	116°, 16%, 57%
HSV	116°, 21%, 64%
XYZ	26.2056, 32.4987, 25.3150
YIQ	149.1430, -8.4330, -17.8810

Conversions

Conversions Part 2

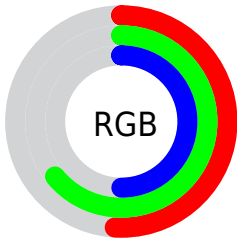
Format	Color
RYB	128, 163, 161
Decimal	8561536
CIELab	63.75, -18.33, 14.52
CIELCh	64, 23.390, 141.613
Yxy	32.4987, 0.3119, 0.3868
Android (android.graphics.Color)	4286751616 (0xFF82A380)
YUV	149.1430, -10.4235, -16.7884
Hunter-Lab	57.0076, -17.7093, 13.5768

Details

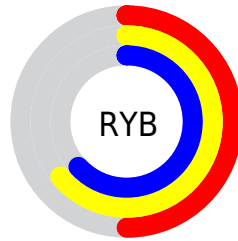
The Yxy color **32.4987, 0.3119, 0.3868** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.6548, 0.3129, 0.2766**, and the grayscale version is **30.1703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5463, 0.3120, 0.3745**, and **13.6389, 0.3103, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **30.9798, 0.3112, 0.4185**, and if you desaturate by 10%, it is **34.2703, 0.3124, 0.3580**.

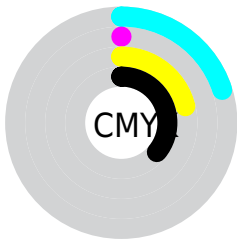
Distribution



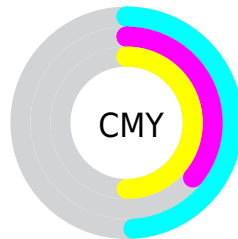
- Red (51%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)




- Cyan (49%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4987, 0.3119, 0.3868 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 32.4987, 0.3119, 0.3868 by changing the saturation by 10% instead.


 32.4987, 0.3119,
0.3868


 32.4987, 0.3119,
0.3868


313.3848, 0.3128,
0.3552


 21.7427, 0.3114,
0.3957


 63.5921, 0.3124,
0.3746

 13.6680, 0.3106,
0.4079


 84.6982, 0.3125,
0.3702

 7.8901, 0.3092,
0.4253


 110.0233, 0.3126,
0.3666

 4.0247, 0.3063,
0.4525

139.9515, 0.3127,
0.3636

 1.6874, 0.3023,
0.5053

174.8674, 0.3128,
0.3610

 0.4155, 0.0000,
1.0000

215.1553, 0.3128,

 0.0000, 0.0000,

0.3588

0.0000

261.1996, 0.3128,
0.3569

■ 32.4987, 0.3119,
0.3868

■ 32.4987, 0.3119,
0.3868

■ 30.9798, 0.3112,
0.4185

■ 34.2703, 0.3124,
0.3580

■ 29.6982, 0.3102,
0.4524

■ 36.3010, 0.3127,
0.3325

■ 28.6432, 0.3090,
0.4871


■ 38.6021, 0.3128,
0.3101


■ 27.8015, 0.3075,
0.5207


■ 41.1831, 0.3129,
0.2906

■ 27.1585, 0.3058,
0.5506


■ 44.0529, 0.3129,
0.2738

 26.6980, 0.3040,
0.5744


 47.2201, 0.3128,
0.2593

 26.4008, 0.3023,
0.5904

 50.6929, 0.3127,
0.2468

 26.2529, 0.3014,
0.5989

 54.2584, 0.3151,
0.2389

 54.6713, 0.3169,
0.2394

Harmonies

Analogous

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



32.4987, 0.3481, 0.3952



32.4987, 0.3119, 0.3868



32.4987, 0.2773, 0.3596

Triad

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



32.4987, 0.3119, 0.3868



32.4987, 0.2521, 0.2733



32.4987, 0.3759, 0.3290

Complementary

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



32.4987, 0.3119, 0.3868



25.6548, 0.3129, 0.2766

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.



32.4987, 0.3473, 0.3005



32.4987, 0.3119, 0.3868



32.4987, 0.2756, 0.2692

Square

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



32.4987, 0.3119, 0.3868



32.4987, 0.2442, 0.2924



32.4987, 0.3101, 0.2791



32.4987, 0.3864, 0.3591

Rectangle

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



32.4987, 0.3119, 0.3868



32.4987, 0.2596, 0.3359



32.4987, 0.3101, 0.2791



32.4987, 0.3680, 0.3191

Sweetspot

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



32.5001, 0.3119, 0.3868



63.2708, 0.3126, 0.3440



34.7150, 0.3449, 0.3779



14.1604, 0.3125, 0.3455



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.5001, 0.3119, 0.3868



56.7911, 0.3116, 0.4024



32.7691, 0.2974, 0.3613



7.9139, 0.3125, 0.3521



20.4129, 0.3017, 0.5987



0.4345, 0.3095, 0.5925

Inverse Universe

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



25.6548, 0.3129, 0.2766



42.1936, 0.3128, 0.2642



25.3581, 0.3317, 0.2988



7.1810, 0.3129, 0.3068



7.3598, 0.3066, 0.1462



0.1606, 0.3121, 0.1493

Previews

White Background



This preview shows how the Yxy color 32.4987, 0.3119, 0.3868 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 32.4987, 0.3119, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

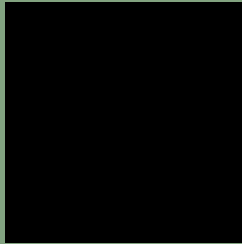
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

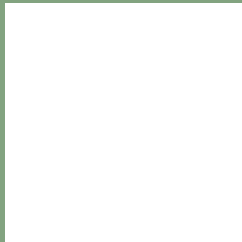
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.4987, 0.3119, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 32.4987, 0.3119, 0.3868.



This preview shows how white text looks on a background with the Yxy color 32.4987, 0.3119, 0.3868.

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

32.4987, 0.3119, 0.3868

Protanopia

32.3530, 0.3508, 0.3746

Deuteranopia

32.1656, 0.3609, 0.3537



Tritanopia

32.3346, 0.2831, 0.3089

Trichromacy



Original Color

32.4987, 0.3119, 0.3868

Protanomaly

32.1739, 0.3363, 0.3794

Deuteranomaly

31.8678, 0.3420, 0.3643

Tritanomaly

32.2312, 0.2928, 0.3353

Monochromacy



Original Color

32.4987, 0.3119, 0.3868

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.7851, 0.3127, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4987, 0.3119, 0.3868 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(130, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 163, 128)  
}
```

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(130, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 163, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.4987, 0.3119, 0.3868 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(130, 163, 128) }
```

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

```
.border{ border-color:rgb(130, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 163,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4987, 0.3119, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 163, 128) }
```

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

```
.background{ background-color: rgb(130,  
163, 128) }
```

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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