

Converting Colors

$Yxy(32.7039, 0.3845, 0.4171)$

Have a look what the booklet for
Yxy(32.7039, 0.3845, 0.4171)
contains.

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Color

Yxy(32.7039, 0.3845, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	A99B5F
RGB	169, 155, 95
RGB Percent	66%, 61%, 37%
CMY	0.3373, 0.3921, 0.6273
CMYK	0.00, 0.08, 0.44, 0.34
HSL	49°, 30%, 52%
HSV	49°, 44%, 66%
XYZ	30.1478, 32.7039, 15.5561
YIQ	152.3460, 27.6040, -15.6920

Conversions

Conversions Part 2

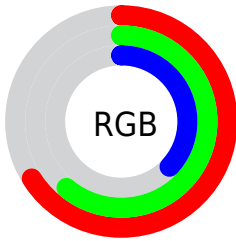
Format	Color
RYB	112, 169, 95
Decimal	11115359
CIELab	63.92, -3.49, 33.24
CIELCh	64, 33.422, 96.001
Yxy	32.7039, 0.3845, 0.4171
Android (android.graphics.Color)	4289305439 (0xFFA99B5F)
YUV	152.3460, -28.2716, 14.6056
Hunter-Lab	57.1873, -5.9768, 23.9030

Details

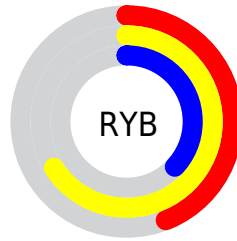
The Yxy color **32.7039, 0.3845, 0.4171** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2369, 0.2366, 0.2214**, and the grayscale version is **31.6734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6838, 0.3711, 0.4003**, and **13.7507, 0.4047, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **31.3814, 0.4014, 0.4354**, and if you desaturate by 10%, it is **34.1242, 0.3672, 0.3973**.

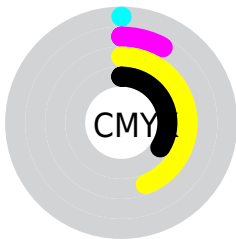
Distribution



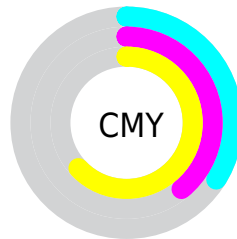
- Red (66%)
- Green (61%)
- Blue (37%)



- Red (44%)
- Yellow (66%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (34%)





- Cyan (34%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7039, 0.3845, 0.4171 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 32.7039, 0.3845, 0.4171 by changing the saturation by 10% instead.


 32.7039, 0.3845,
0.4171

 32.7039, 0.3845,
0.4171


314.3134, 0.3476,
0.3710

 21.8997, 0.3937,
0.4289


 63.9130, 0.3710,
0.4000


 13.7832, 0.4051,
0.4440


 85.0866, 0.3660,
0.3937

 7.9701, 0.4196,
0.4637


 110.4856, 0.3617,
0.3884

 4.0758, 0.4400,
0.4924

 140.4942, 0.3580,
0.3838

 1.7160, 0.4667,
0.5333

175.4969, 0.3549,
0.3799

 0.4340, 0.4299,
0.5701

215.8781, 0.3521,

 0.0000, 0.0000,

0.3766

0.0000

262.0221, 0.3497,
0.3736

■ 32.7039, 0.3845,
0.4171

■ 32.7039, 0.3845,
0.4171

■ 31.3814, 0.4014,
0.4354

■ 34.1242, 0.3672,
0.3973

■ 30.1477, 0.4173,
0.4510

■ 35.6419, 0.3501,
0.3767

■ 28.9990, 0.4315,
0.4632


■ 37.2625, 0.3337,
0.3562

■ 27.9297, 0.4432,
0.4712


■ 38.9896, 0.3183,
0.3363

■ 26.9328, 0.4522,
0.4747

■ 40.8264, 0.3039,
0.3173

 26.3382, 0.4569,
0.4754

 42.7763, 0.2908,
0.2994

 44.8423, 0.2788,
0.2829

 47.0274, 0.2680,
0.2676

 49.3343, 0.2583,
0.2536

Harmonies

Analogous

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



32.7039, 0.4136, 0.3874



32.7039, 0.3845, 0.4171



32.7039, 0.3374, 0.4233

Triad

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



32.7039, 0.3845, 0.4171



32.7039, 0.2208, 0.2969



32.7039, 0.3341, 0.2725

Complementary

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



32.7039, 0.3845, 0.4171



16.2369, 0.2366, 0.2214

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.



32.7039, 0.2816, 0.2509



32.7039, 0.3845, 0.4171



32.7039, 0.2201, 0.2613

Square

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



32.7039, 0.3845, 0.4171



32.7039, 0.2439, 0.3478



32.7039, 0.2412, 0.2462



32.7039, 0.3842, 0.3066

Rectangle

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



32.7039, 0.3845, 0.4171



32.7039, 0.3026, 0.4095



32.7039, 0.2412, 0.2462



32.7039, 0.3160, 0.2636

Sweetspot

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



32.7054, 0.3845, 0.4171



66.9075, 0.3329, 0.3551



17.7447, 0.4017, 0.3065



14.4442, 0.3363, 0.3595



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.7054, 0.3845, 0.4171



56.1709, 0.4017, 0.4357



35.3819, 0.3540, 0.4434



8.5292, 0.3266, 0.3472



19.7066, 0.4564, 0.4758



0.5399, 0.4422, 0.4871

Inverse Universe

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



16.2369, 0.2366, 0.2214



22.6951, 0.2171, 0.1912



14.8502, 0.2555, 0.2038



7.5215, 0.2986, 0.3101



2.9633, 0.1556, 0.0802



0.1356, 0.1708, 0.1350

Previews

White Background



This preview shows how the Yxy color 32.7039, 0.3845, 0.4171 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 32.7039, 0.3845, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

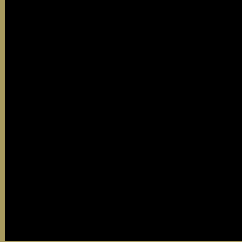
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7039, 0.3845, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 32.7039, 0.3845, 0.4171.



This preview shows how white text looks on a background with the Yxy color 32.7039, 0.3845, 0.4171.

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

32.7039, 0.3845, 0.4171

Protanopia

32.7039, 0.3845, 0.4171

Deuteranopia

32.6077, 0.4069, 0.3991



Tritanopia

32.6007, 0.3312, 0.3121

Trichromacy



Original Color

32.7039, 0.3845, 0.4171

Protanomaly

32.7039, 0.3845, 0.4171

Deuteranomaly

32.6810, 0.3982, 0.4066

Tritanomaly

32.4745, 0.3507, 0.3496

Monochromacy



Original Color

32.7039, 0.3845, 0.4171

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.6903, 0.3389, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7039, 0.3845, 0.4171 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(169, 155, 95)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 95)  
}
```

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(169, 155, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 95) }
```

Border

The CSS property to change the border of an element to Yxy 32.7039, 0.3845, 0.4171 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(169, 155, 95) }
```

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

```
.border{ border-color:rgb(169, 155, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 95);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7039, 0.3845, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 95) }
```

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

```
.background{ background-color: rgb(169,  
155, 95) }
```

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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