

Converting Colors

$Yxy(32.2558, 0.3894, 0.4343)$

Have a look what the booklet for
Yxy(32.2558, 0.3894, 0.4343)
contains.

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Color

Yxy(32.4164, 0.3891, 0.4349)

Conversions

Conversions Part 1

Format	Color
Hex	A59C54
RGB	165, 156, 84
RGB Percent	65%, 61%, 33%
CMY	0.3530, 0.3882, 0.6705
CMYK	0.00, 0.05, 0.49, 0.35
HSL	53°, 33%, 49%
HSV	53°, 49%, 65%
XYZ	29.0026, 32.4164, 13.1186
YIQ	150.4830, 28.4760, -20.4840

Conversions

Conversions Part 2

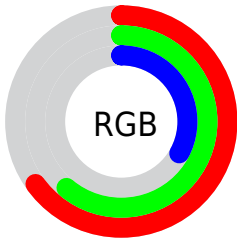
Format	Color
RYB	94, 165, 84
Decimal	10853460
CIELab	63.69, -6.86, 38.61
CIELCh	64, 39.212, 100.068
Yxy	32.4164, 0.3891, 0.4349
Android (android.graphics.Color)	4289043540 (0xFFA59C54)
YUV	150.4830, -32.7761, 12.7314
Hunter-Lab	56.9354, -8.7100, 26.1936

Details

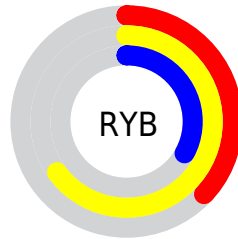
The Yxy color **32.4164, 0.3891, 0.4349** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4265, 0.2243, 0.1941**, and the grayscale version is **30.8486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2146, 0.3752, 0.4144**, and **13.6040, 0.4093, 0.4674** is the 20% darker color. If you saturate the color by 10%, you get **31.5805, 0.4035, 0.4530**, and if you desaturate by 10%, it is **33.3254, 0.3736, 0.4145**.

Distribution



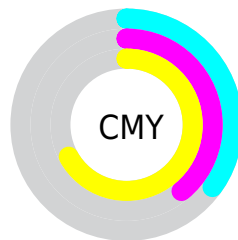
- Red (65%)
- Green (61%)
- Blue (33%)



- Red (37%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (49%)
- Black (35%)





- Cyan (35%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4164, 0.3891, 0.4349 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 32.4164, 0.3891, 0.4349 by changing the saturation by 10% instead.


 32.4164, 0.3891,
0.4349


 32.4164, 0.3891,
0.4349


313.0117, 0.3505,
0.3793

 21.6797, 0.3982,
0.4490


 63.4633, 0.3753,
0.4144


 13.6218, 0.4092,
0.4668


 84.5423, 0.3700,
0.4067


 7.8581, 0.4221,
0.4896


 109.8376, 0.3655,
0.4003

 4.0043, 0.4473,
0.5320

 139.7336, 0.3617,
0.3949

 1.6760, 0.4462,
0.5538

 174.6146, 0.3583,
0.3902

 0.4080, 0.3508,
0.6492

214.8650, 0.3554,

 0.0000, 0.0000,

0.3861

0.0000

260.8693, 0.3528,
0.3825

■ 32.4164, 0.3891,
0.4349

■ 32.4164, 0.3891,
0.4349

■ 31.5805, 0.4035,
0.4530

■ 33.3254, 0.3736,
0.4145

■ 30.8088, 0.4161,
0.4679

■ 34.3070, 0.3576,
0.3927

■ 30.0979, 0.4264,
0.4789

■ 35.3663, 0.3416,
0.3705

■ 29.4419, 0.4341,
0.4856

■ 36.5067, 0.3261,
0.3484

■ 28.8294, 0.4395,
0.4886

■ 37.7313, 0.3114,
0.3271

■ 28.7736, 0.4400,
0.4888

■ 39.0431, 0.2976,
0.3068

■ 40.4448, 0.2849,
0.2878

■ 41.9392, 0.2733,
0.2703

■ 43.5288, 0.2627,
0.2542

Harmonies

Analogous

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



32.4164, 0.4276, 0.4012



32.4164, 0.3891, 0.4349



32.4164, 0.3322, 0.4394

Triad

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



32.4164, 0.3891, 0.4349



32.4164, 0.2048, 0.2834



32.4164, 0.3461, 0.2682

Complementary

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



32.4164, 0.3891, 0.4349



12.4265, 0.2243, 0.1941

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.



32.4164, 0.2836, 0.2412



32.4164, 0.3891, 0.4349



32.4164, 0.2076, 0.2460

Square

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



32.4164, 0.3891, 0.4349



32.4164, 0.2272, 0.3419



32.4164, 0.2347, 0.2327



32.4164, 0.4035, 0.3084

Rectangle

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



32.4164, 0.3891, 0.4349



32.4164, 0.2919, 0.4198



32.4164, 0.2347, 0.2327



32.4164, 0.3247, 0.2574

Sweetspot

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



32.4179, 0.3891, 0.4349



64.1175, 0.3357, 0.3620



15.1383, 0.4298, 0.3146



13.9297, 0.3388, 0.3665



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.



32.4179, 0.3891, 0.4349



56.4319, 0.4048, 0.4547



32.6056, 0.3511, 0.4602



8.1027, 0.3264, 0.3488



21.8194, 0.4398, 0.4890



0.4940, 0.4315, 0.4956

Inverse Universe

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



12.4265, 0.2243, 0.1941



16.3979, 0.2027, 0.1590



12.7070, 0.2547, 0.1900



6.9804, 0.2987, 0.3084



2.4285, 0.1527, 0.0696



0.0861, 0.1636, 0.1088

Previews

White Background



This preview shows how the Yxy color 32.4164, 0.3891, 0.4349 looks on a white background.

Color Contrast Check

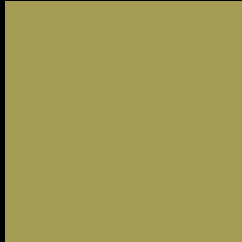
Large Text (above 18pt) WCAG AA × Fail

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 32.4164, 0.3891, 0.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

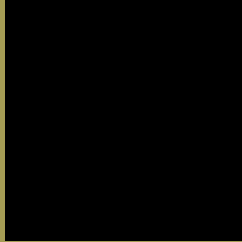
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4164, 0.3891, 0.4349

Background



This preview shows how black text looks on a background with the Yxy color 32.4164, 0.3891, 0.4349.



This preview shows how white text looks on a background with the Yxy color 32.4164, 0.3891, 0.4349.

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

32.4164, 0.3891, 0.4349

Protanopia

32.2818, 0.3968, 0.4314

Deuteranopia

32.2307, 0.4192, 0.4112



Tritanopia

32.2549, 0.3280, 0.3119

Trichromacy



Original Color

32.4164, 0.3891, 0.4349

Protanomaly

32.3921, 0.3939, 0.4336

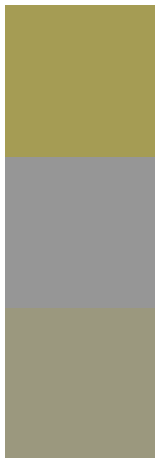
Deuteranomaly

32.1719, 0.4090, 0.4195

Tritanomaly

32.0247, 0.3516, 0.3558

Monochromacy



Original Color

32.4164, 0.3891, 0.4349

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9314, 0.3408, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4164, 0.3891, 0.4349 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(165, 156, 84)` looks like.

```
.text, #text, p{  
    color:rgb(165, 156, 84)  
}
```

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(165, 156, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 156, 84) }
```

Border

The CSS property to change the border of an element to Yxy 32.4164, 0.3891, 0.4349 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(165, 156, 84) }
```

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

```
.border{ border-color:rgb(165, 156, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 156, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 156, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 156, 84);  
box-shadow:4px 4px 4px 4px rgb(165, 156,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4164, 0.3891, 0.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 156, 84) }
```

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

```
.background{ background-color: rgb(165,  
156, 84) }
```

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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