

Converting Colors

$Y_{xy}(32.1253, 0.3926, 0.4354)$

Have a look what the booklet for
Yxy(32.1253, 0.3926, 0.4354)
contains.

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Color

Yxy(32.1589, 0.3926, 0.4358)

Conversions

Conversions Part 1

Format	Color
Hex	A69B52
RGB	166, 155, 82
RGB Percent	65%, 61%, 32%
CMY	0.3490, 0.3921, 0.6784
CMYK	0.00, 0.07, 0.51, 0.35
HSL	52°, 34%, 49%
HSV	52°, 51%, 65%
XYZ	28.9711, 32.1589, 12.6628
YIQ	149.9670, 29.9890, -20.3710

Conversions

Conversions Part 2

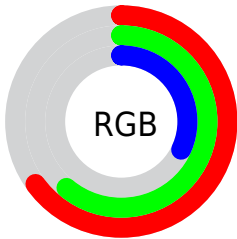
Format	Color
RYB	95, 166, 82
Decimal	10918738
CIELab	63.47, -6.07, 39.40
CIELCh	63, 39.865, 98.751
Yxy	32.1589, 0.3926, 0.4358
Android (android.graphics.Color)	4289108818 (0xFFA69B52)
YUV	149.9670, -33.5077, 14.0609
Hunter-Lab	56.7088, -8.0495, 26.4570

Details


The Yxy color **32.1589, 0.3926, 0.4358** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3766, 0.2218, 0.1923**, and the grayscale version is **30.6209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9824, 0.3786, 0.4150**, and **13.4552, 0.4139, 0.4677** is the 20% darker color. If you saturate the color by 10%, you get **31.2203, 0.4073, 0.4532**, and if you desaturate by 10%, it is **33.1747, 0.3768, 0.4160**.

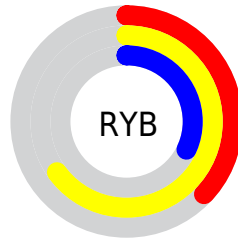
Distribution



 Red (65%)

 Green (61%)

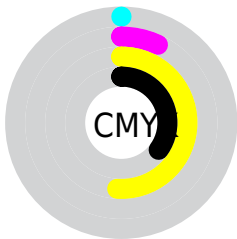
 Blue (32%)



 Red (37%)

 Yellow (65%)

 Blue (32%)

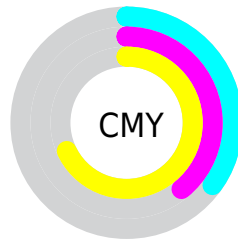



 Cyan (0%)


 Magenta (7%)

 Yellow (51%)

 Black (35%)



 Cyan (35%)

 Magenta (39%)


 Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1589, 0.3926, 0.4358 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 32.1589, 0.3926, 0.4358 by changing the saturation by 10% instead.


 32.1589, 0.3926,
0.4358


 32.1589, 0.3926,
0.4358


311.8425, 0.3522,
0.3799

 21.4829, 0.4021,
0.4499


 63.0601, 0.3782,
0.4152


 13.4774, 0.4136,
0.4676


 84.0541, 0.3726,
0.4076

 7.7581, 0.4270,
0.4899


 109.2562, 0.3679,
0.4011

 3.9406, 0.4555,
0.5344

 139.0509, 0.3639,
0.3956

 1.6404, 0.4508,
0.5492

 173.8224, 0.3604,
0.3909

 0.3846, 0.3612,
0.6388

213.9553, 0.3573,

 0.0000, 0.0000,

0.3867

0.0000

259.8338, 0.3546,
0.3831

■ 32.1589, 0.3926,
0.4358

■ 32.1589, 0.3926,
0.4358

■ 31.2203, 0.4073,
0.4532

■ 33.1747, 0.3768,
0.4160

■ 30.3497, 0.4202,
0.4673

■ 34.2673, 0.3605,
0.3948

■ 29.5437, 0.4308,
0.4775

■ 35.4419, 0.3443,
0.3729

■ 28.7960, 0.4387,
0.4832

■ 36.7021, 0.3285,
0.3513

■ 28.1338, 0.4442,
0.4855

■ 38.0510, 0.3136,
0.3302

■ 39.4917, 0.2996,
0.3103

■ 41.0272, 0.2868,
0.2915

■ 42.6602, 0.2750,
0.2742

■ 44.3933, 0.2644,
0.2582

Harmonies

Analogous

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



32.1589, 0.4308, 0.4004



32.1589, 0.3926, 0.4358



32.1589, 0.3351, 0.4423

Triad

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



32.1589, 0.3926, 0.4358



32.1589, 0.2034, 0.2847



32.1589, 0.3438, 0.2656

Complementary

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



32.1589, 0.3926, 0.4358



12.3766, 0.2218, 0.1923

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.



32.1589, 0.2805, 0.2390



32.1589, 0.3926, 0.4358



32.1589, 0.2051, 0.2456

Square

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



32.1589, 0.3926, 0.4358



32.1589, 0.2273, 0.3450



32.1589, 0.2316, 0.2312



32.1589, 0.4032, 0.3060

Rectangle

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



32.1589, 0.3926, 0.4358



32.1589, 0.2940, 0.4236



32.1589, 0.2316, 0.2312



32.1589, 0.3220, 0.2549

Sweetspot

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



32.1604, 0.3926, 0.4358



65.5173, 0.3358, 0.3613



14.9362, 0.4331, 0.3121



14.5582, 0.3390, 0.3658



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.



32.1604, 0.3926, 0.4358



56.4082, 0.4094, 0.4556



33.0514, 0.3534, 0.4637



8.6037, 0.3265, 0.3485



21.8633, 0.4439, 0.4857



0.5768, 0.4347, 0.4930

Inverse Universe

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



12.3766, 0.2218, 0.1923



16.3794, 0.1997, 0.1562



12.2858, 0.2508, 0.1846



7.4531, 0.2986, 0.3088



2.6134, 0.1533, 0.0718



0.1099, 0.1651, 0.1143

Previews

White Background



This preview shows how the Yxy color 32.1589, 0.3926, 0.4358 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 32.1589, 0.3926, 0.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

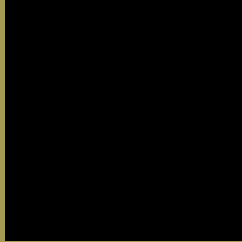
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1589, 0.3926, 0.4358

Background



This preview shows how black text looks on a background with the Yxy color 32.1589, 0.3926, 0.4358.



This preview shows how white text looks on a background with the Yxy color 32.1589, 0.3926, 0.4358.

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

32.1589, 0.3926, 0.4358

Protanopia

32.1554, 0.3966, 0.4332

Deuteranopia

32.1989, 0.4210, 0.4136



Tritanopia

32.0251, 0.3302, 0.3119

Trichromacy



Original Color

32.1589, 0.3926, 0.4358

Protanomaly

32.0452, 0.3955, 0.4336

Deuteranomaly

32.1405, 0.4108, 0.4220

Tritanomaly

31.7645, 0.3550, 0.3572

Monochromacy



Original Color

32.1589, 0.3926, 0.4358

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.0051, 0.3429, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1589, 0.3926, 0.4358 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(166, 155, 82)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 82)  
}
```

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(166, 155, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 82) }
```

Border

The CSS property to change the border of an element to Yxy 32.1589, 0.3926, 0.4358 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(166, 155, 82) }
```

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

```
.border{ border-color:rgb(166, 155, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 82);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1589, 0.3926, 0.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 82) }
```

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

```
.background{ background-color: rgb(166,  
155, 82) }
```

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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