

Converting Colors

$Y_{xy}(32.7944, 0.3819, 0.4274)$

Have a look what the booklet for
Yxy(32.7944, 0.3819, 0.4274)
contains.

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Color

Yxy(32.7618, 0.3814, 0.4272)

Conversions

Conversions Part 1

Format	Color
Hex	A49D5B
RGB	164, 157, 91
RGB Percent	64%, 62%, 36%
CMY	0.3570, 0.3843, 0.6432
CMYK	0.00, 0.04, 0.45, 0.36
HSL	54°, 29%, 50%
HSV	54°, 45%, 64%
XYZ	29.2494, 32.7618, 14.6784
YIQ	151.5690, 25.3580, -19.0420

Conversions

Conversions Part 2

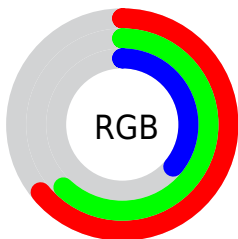
Format	Color
RYB	99, 164, 91
Decimal	10788187
CIELab	63.97, -7.12, 35.33
CIELCh	64, 36.035, 101.393
Yxy	32.7618, 0.3814, 0.4272
Android (android.graphics.Color)	4288978267 (0xFFA49D5B)
YUV	151.5690, -29.8605, 10.9020
Hunter-Lab	57.2379, -8.9503, 24.8619

Details

The Yxy color **32.7618, 0.3814, 0.4272** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6279, 0.2332, 0.2067**, and the grayscale version is **31.3255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7572, 0.3691, 0.4079**, and **13.8620, 0.4005, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **31.9856, 0.3960, 0.4467**, and if you desaturate by 10%, it is **33.6096, 0.3659, 0.4058**.

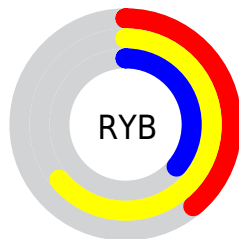
Distribution



Red (64%)

Green (62%)

Blue (36%)



Red (39%)

Yellow (64%)

Blue (36%)

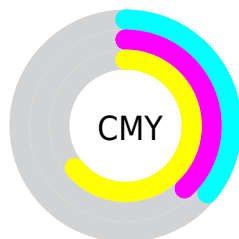


Cyan (0%)

Magenta (4%)

Yellow (45%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7618, 0.3814, 0.4272 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 32.7618, 0.3814, 0.4272 by changing the saturation by 10% instead.


 32.7618, 0.3814,
0.4272


 32.7618, 0.3814,
0.4272


314.5750, 0.3465,
0.3754


 21.9440, 0.3898,
0.4406


 64.0035, 0.3688,
0.4079

 13.8158, 0.4001,
0.4577


 85.1961, 0.3641,
0.4008

 7.9926, 0.4126,
0.4801


 110.6159, 0.3600,
0.3949

 4.0902, 0.4317,
0.5155

 140.6472, 0.3565,
0.3898

 1.7242, 0.4450,
0.5550

175.6743, 0.3535,
0.3854

 0.4392, 0.3568,
0.6432

216.0818, 0.3509,

 0.0000, 0.0000,

0.3817

0.0000

262.2539, 0.3486,
0.3783

■ 32.7618, 0.3814,
0.4272

■ 32.7618, 0.3814,
0.4272

■ 31.9856, 0.3960,
0.4467

■ 33.6096, 0.3659,
0.4058

■ 31.2724, 0.4091,
0.4633

■ 34.5282, 0.3500,
0.3834

■ 30.6190, 0.4200,
0.4764

■ 35.5225, 0.3344,
0.3608

■ 30.0203, 0.4285,
0.4852

■ 36.5958, 0.3193,
0.3387

■ 29.4699, 0.4343,
0.4898

■ 37.7510, 0.3050,
0.3175

■ 29.1790, 0.4369,
0.4913

■ 38.9910, 0.2917,
0.2974

■ 40.3185, 0.2794,
0.2788

■ 41.7360, 0.2682,
0.2616

■ 43.2459, 0.2580,
0.2458

Harmonies

Analogous

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



32.7618, 0.4174, 0.3980



32.7618, 0.3814, 0.4272



32.7618, 0.3287, 0.4287

Triad

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



32.7618, 0.3814, 0.4272



32.7618, 0.2125, 0.2857



32.7618, 0.3461, 0.2742

Complementary

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



32.7618, 0.3814, 0.4272



13.6279, 0.2332, 0.2067

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.



32.7618, 0.2886, 0.2485



32.7618, 0.3814, 0.4272



32.7618, 0.2161, 0.2517

Square

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



32.7618, 0.3814, 0.4272



32.7618, 0.2327, 0.3386



32.7618, 0.2424, 0.2399



32.7618, 0.3977, 0.3123

Rectangle

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



32.7618, 0.3814, 0.4272



32.7618, 0.2917, 0.4096



32.7618, 0.2424, 0.2399



32.7618, 0.3266, 0.2640

Sweetspot

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



32.7633, 0.3814, 0.4272



64.7481, 0.3324, 0.3580



16.2576, 0.4156, 0.3178



14.0684, 0.3357, 0.3628



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.



32.7633, 0.3814, 0.4272



58.1561, 0.3953, 0.4458



32.4256, 0.3470, 0.4480



8.1214, 0.3264, 0.3492



22.4217, 0.4367, 0.4915



0.5022, 0.4297, 0.4970

Inverse Universe

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



13.6279, 0.2332, 0.2067



19.0878, 0.2140, 0.1759



14.1668, 0.2629, 0.2046



6.9634, 0.2987, 0.3080



2.3649, 0.1522, 0.0680



0.0801, 0.1618, 0.1025

Previews

White Background



This preview shows how the Yxy color 32.7618, 0.3814, 0.4272 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 32.7618, 0.3814, 0.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

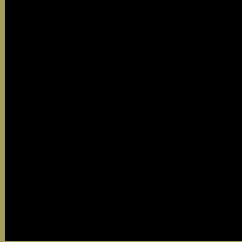
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7618, 0.3814, 0.4272

Background



This preview shows how black text looks on a background with the Yxy color 32.7618, 0.3814, 0.4272.



This preview shows how white text looks on a background with the Yxy color 32.7618, 0.3814, 0.4272.

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

32.7618, 0.3814, 0.4272

Protanopia

32.7269, 0.3901, 0.4235

Deuteranopia

32.6615, 0.4118, 0.4039



Tritanopia

32.6909, 0.3247, 0.3133

Trichromacy



Original Color

32.7618, 0.3814, 0.4272

Protanomaly

32.8400, 0.3873, 0.4256

Deuteranomaly

32.4896, 0.4008, 0.4123

Tritanomaly

32.5306, 0.3458, 0.3543

Monochromacy



Original Color

32.7618, 0.3814, 0.4272

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7908, 0.3375, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7618, 0.3814, 0.4272 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(164, 157, 91)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 91)  
}
```

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(164, 157, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 91) }
```

Border

The CSS property to change the border of an element to Yxy 32.7618, 0.3814, 0.4272 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(164, 157, 91) }
```

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

```
.border{ border-color:rgb(164, 157, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 91);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7618, 0.3814, 0.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 91) }
```

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

```
.background{ background-color: rgb(164,  
157, 91) }
```

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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