

Converting Colors

XYZ(32.6769, 38.4980, 30.2516)

Have a look what the booklet for
XYZ(32.6769, 38.4980, 30.2516)
contains.

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Color

**XYZ(32.7406, 38.5235,
30.1363)**

Conversions

Conversions Part 1

Format	Color
Hex	99AD8B
RGB	153, 173, 139
RGB Percent	60%, 68%, 55%
CMY	0.4000, 0.3216, 0.4549
CMYK	0.12, 0.00, 0.20, 0.32
HSL	95°, 17%, 61%
HSV	95°, 20%, 68%
XYZ	32.7406, 38.5235, 30.1363
YIQ	163.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

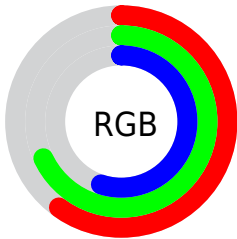
Format	Color
RYB	139, 173, 159
Decimal	10071435
CIELab	68.40, -13.31, 15.19
CIELCh	68, 20.197, 131.243
Yxy	38.5235, 0.3229, 0.3799
Android (android.graphics.Color)	4288261515 (0xFF99AD8B)
YUV	163.1440, -11.9030, -8.8963
Hunter-Lab	62.0673, -14.4587, 14.6593

Details

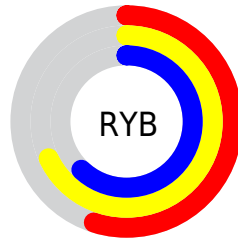
The XYZ color **32.7406, 38.5235, 30.1363** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.0752, 28.8544, 43.4688**, and the grayscale version is **34.9364, 36.7558, 40.0271**.

A 20% lighter version of the original color is **63.3815, 72.7470, 61.1531**, and **14.1200, 17.2208, 12.0309** is the 20% darker color. If you saturate the color by 10%, you get **29.7357, 37.1103, 23.9112**, and if you desaturate by 10%, it is **36.1115, 40.1046, 37.4244**.

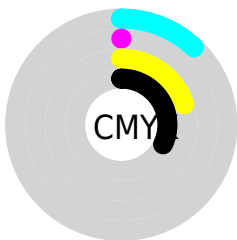
Distribution



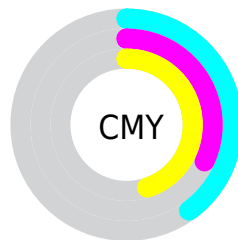
- Red (60%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (40%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7406, 38.5235, 30.1363 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 XYZ color 32.7406, 38.5235, 30.1363 by changing the saturation by 10% instead.

■ 32.7406, 38.5235,
30.1363

■ 32.7406, 38.5235,
30.1363

306.1649,
339.8603, 316.7663

■ 22.0861, 26.3892,
19.6891

■ 63.3277, 72.9098,
60.9412

■ 14.0371, 17.1151,
11.9874

■ 83.9910, 95.9307,
82.1360

■ 8.2284, 10.3166,
6.6127

■ 108.7213,
123.3492, 107.7505

■ 4.2945, 5.6093,
3.1463

137.8840,
155.5497, 138.2032

■ 1.8700, 2.6090,
1.1698

171.8443,
192.9167, 173.9125

■ 0.5593, 0.9312,
0.0000

210.9677,

■ 0.0000, 0.0000,

235.8346, 215.2971

0.0000

255.6194,
284.6876, 262.7756

■ 32.7406, 38.5235,
30.1363

■ 32.7406, 38.5235,
30.1363

■ 29.7357, 37.1103,
23.9112

■ 36.1115, 40.1046,
37.4244

■ 27.0803, 35.8540,
18.6969

■ 39.8580, 41.8541,
45.8194

■ 24.7611, 34.7502,
14.4408

■ 43.9933, 43.7789,
55.3656

■ 22.7625, 33.7921,
11.0841

■ 48.5287, 45.8840,
66.1044

■ 21.0676, 32.9725,
8.5621

■ 53.4753, 48.1742,
78.0750

■ 19.6577, 32.2831,
6.8009

■ 58.8436, 50.6542,
91.3148

■ 18.5112, 31.7150,
5.7139

■ 63.8108, 52.9951,
101.4736

■ 17.5888, 31.2516,
5.1223

■ 67.0650, 54.6727,
101.6259

■ 17.5595, 31.2369,
5.1038

■ 70.5113, 56.4494,
101.7872

Harmonies

Analogous

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



35.4393, 38.5235, 27.0421



32.7406, 38.5235, 30.1363



31.1394, 38.5235, 36.5765

Triad

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



32.7406, 38.5235, 30.1363



34.6893, 38.5235, 60.7509



42.9281, 38.5235, 38.6319

Complementary

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



32.7406, 38.5235, 30.1363



31.0752, 28.8544, 43.4688

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.



42.6985, 38.5235, 47.8158



32.7406, 38.5235, 30.1363



37.8173, 38.5235, 61.5124

Square

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



32.7406, 38.5235, 30.1363



32.2189, 38.5235, 54.5446



40.7845, 38.5235, 56.4956



41.3948, 38.5235, 31.4534

Rectangle

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



32.7406, 38.5235, 30.1363



30.8509, 38.5235, 42.3254



40.7845, 38.5235, 56.4956



43.0567, 38.5235, 41.5679

Sweetspot

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



32.7416, 38.5252, 30.1371



66.9738, 72.8985, 72.1269



34.2648, 35.4888, 29.4708



14.4659, 15.8009, 15.4765



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.7416, 38.5252, 30.1371



55.9907, 67.7497, 48.4266



30.4622, 37.3258, 31.1254



8.2051, 9.0943, 8.5363



12.9612, 22.9788, 3.7522



0.4237, 0.6718, 0.1073

Inverse Universe

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



31.0752, 28.8544, 43.4688



52.4045, 46.9457, 77.1052



33.7392, 30.2591, 42.1772



8.0134, 7.9812, 10.0709



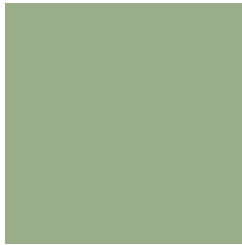
9.6142, 4.3162, 29.3709



0.3276, 0.1511, 0.8199

Previews

White Background



This preview shows how the XYZ color 32.7406, 38.5235, 30.1363 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 XYZ color 32.7406, 38.5235, 30.1363 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](#).

XYZ 32.7406, 38.5235, 30.1363

Background



This preview shows how black text looks on a background with the XYZ color 32.7406, 38.5235, 30.1363.



This preview shows how white text looks on a background with the XYZ color 32.7406, 38.5235,

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

32.7406, 38.5235, 30.1363

Protanopia

35.9846, 38.2801, 28.7848

Deuteranopia

38.9391, 38.1710, 30.9066



Tritanopia

36.4573, 38.3446, 49.1958

Trichromacy



Original Color

32.7406, 38.5235, 30.1363

Protanomaly

34.8518, 38.5069, 29.2626

Deuteranomaly

36.3943, 38.1805, 30.6507

Tritanomaly

34.9755, 38.2972, 41.6251

Monochromacy



Original Color

32.7406, 38.5235, 30.1363

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9495, 37.3415, 35.9901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7406, 38.5235, 30.1363 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(153, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 139)  
}
```

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(153, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.7406, 38.5235, 30.1363 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(153, 173, 139) }
```


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

```
.border{ border-color:rgb(153, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7406, 38.5235, 30.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 139) }
```

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

```
.background{ background-color: rgb(153,  
173, 139) }
```

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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