

Converting Colors

XYZ(32.5958, 38.4656, 29.3735)

Have a look what the booklet for
XYZ(32.5958, 38.4656, 29.3735)
contains.

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Color

**XYZ(32.5958, 38.4656,
29.3735)**

Conversions

Conversions Part 1

Format	Color
Hex	99AD89
RGB	153, 173, 137
RGB Percent	60%, 68%, 54%
CMY	0.4000, 0.3216, 0.4627
CMYK	0.12, 0.00, 0.21, 0.32
HSL	93°, 18%, 61%
HSV	93°, 21%, 68%
XYZ	32.5958, 38.4656, 29.3735
YIQ	162.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

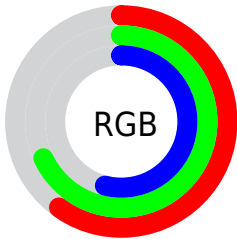
Format	Color
RYB	137, 173, 157
Decimal	10071433
CIELab	68.36, -13.65, 16.22
CIELCh	68, 21.201, 130.077
Yxy	38.4656, 0.3245, 0.3830
Android (android.graphics.Color)	4288261513 (0xFF99AD89)
YUV	162.9160, -12.7766, -8.6963
Hunter-Lab	62.0206, -14.7230, 15.3342

Details

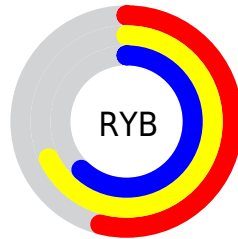
The XYZ color **32.5958, 38.4656, 29.3735** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.3946, 28.0776, 43.3548**, and the grayscale version is **34.8325, 36.6465, 39.9080**.

A 20% lighter version of the original color is **63.0501, 72.6144, 59.4081**, and **14.0372, 17.1876, 11.5945** is the 20% darker color. If you saturate the color by 10%, you get **29.7115, 37.1119, 23.2717**, and if you desaturate by 10%, it is **35.8274, 39.9776, 36.5320**.

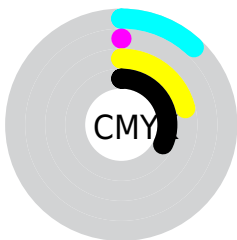
Distribution



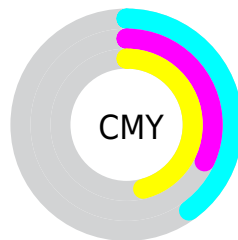
- Red (60%)
- Green (68%)
- Blue (54%)



- Red (54%)
- Yellow (68%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)




- Cyan (40%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5958, 38.4656, 29.3735 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 32.5958, 38.4656, 29.3735 by changing the saturation by 10% instead.


 32.5958, 38.4656,
29.3735


 32.5958, 38.4656,
29.3735


305.5217,
339.6131, 313.0891

 21.9747, 26.3443,
19.1155


 63.1029, 72.8212,
59.7192

 13.9548, 17.0814,
11.5761


 83.7196, 95.8243,
80.6441

 8.1707, 10.2925,
6.3367

 108.3989,
123.2234, 105.9616

 4.2571, 5.5933,
2.9788

137.5061,
155.4029, 136.0905

 1.8486, 2.5994,
1.0838

171.4067,
192.7472, 171.4491

 0.5467, 0.9264,
0.0000

210.4659,

 0.0000, 0.0000,

235.6408, 212.4560

0.0000

255.0491,
284.4679, 259.5298

■ 32.5958, 38.4656,
29.3735

■ 32.5958, 38.4656,
29.3735

■ 29.7115, 37.1119,
23.2717

■ 35.8274, 39.9776,
36.5320

■ 27.1584, 35.9059,
18.1739

■ 39.4153, 41.6482,
44.7912

■ 24.9239, 34.8435,
14.0271

■ 43.3721, 43.4839,
54.1960

■ 22.9931, 33.9181,
10.7719

■ 47.7088, 45.4896,
64.7878

■ 21.3495, 33.1229,
8.3425

■ 52.4357, 47.6697,
76.6060

■ 19.9750, 32.4501,
6.6642

■ 57.5630, 50.0287,
89.6882

■ 18.8487, 31.8907,
5.6483

■ 62.5963, 52.3691,
101.4168

■ 17.9954, 31.4616,
5.1242

■ 65.5950, 53.9150,
101.5571

■ 68.7637, 55.5485,
101.7054

Harmonies

Analogous

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



35.4528, 38.4656, 26.3144



32.5958, 38.4656, 29.3735



30.8717, 38.4656, 35.9466

Triad

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



32.5958, 38.4656, 29.3735



34.4243, 38.4656, 61.5685



43.2250, 38.4656, 38.7588

Complementary

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



32.5958, 38.4656, 29.3735



30.3946, 28.0776, 43.3548

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.



42.9082, 38.4656, 48.4383



32.5958, 38.4656, 29.3735



37.6908, 38.4656, 62.6262

Square

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



32.5958, 38.4656, 29.3735



31.8822, 38.4656, 54.8151



40.8341, 38.4656, 57.5175



41.6752, 38.4656, 31.1630

Rectangle

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



32.5958, 38.4656, 29.3735



30.5311, 38.4656, 41.9073



40.8341, 38.4656, 57.5175



43.3354, 38.4656, 41.8577

Sweetspot

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



32.5968, 38.4673, 29.3743



67.1044, 72.9659, 72.1330



33.7736, 34.7382, 28.5925



14.4970, 15.8169, 15.4779



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.



32.5968, 38.4673, 29.3743



55.9103, 67.7327, 47.3194



29.9068, 37.0655, 29.9282



8.2297, 9.1070, 8.5374



13.2834, 23.1449, 3.7673



0.4331, 0.6766, 0.1078

Inverse Universe

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



30.3946, 28.0776, 43.3548



51.2450, 45.7262, 76.9309



33.5505, 29.7245, 42.5992



7.9884, 7.9683, 10.0697



9.1610, 4.0825, 29.3497



0.3165, 0.1453, 0.8194

Previews

White Background



This preview shows how the XYZ color 32.5958, 38.4656, 29.3735 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 32.5958, 38.4656, 29.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

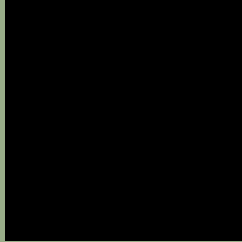
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5958, 38.4656, 29.3735

Background



This preview shows how black text looks on a background with the XYZ color 32.5958, 38.4656, 29.3735.



This preview shows how white text looks on a background with the XYZ color 32.5958, 38.4656,

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

32.5958, 38.4656, 29.3735

Protanopia

36.0708, 38.3408, 28.0536

Deuteranopia

39.0427, 38.2415, 30.1345



Tritanopia

36.5541, 38.4063, 48.6666

Trichromacy



Original Color

32.5958, 38.4656, 29.3735

Protanomaly

34.7096, 38.4500, 28.5139

Deuteranomaly

36.4754, 38.2393, 29.8846

Tritanomaly

34.7934, 38.2244, 40.6662

Monochromacy



Original Color

32.5958, 38.4656, 29.3735

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 32.5958, 38.4656, 29.3735 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.5958, 38.4656, 29.3735 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, 137) }
```


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

```
.border{ border-color:rgb(153, 173, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 137);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5958, 38.4656, 29.3735 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, 137) }
```

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

```
.background{ background-color: rgb(153,  
173, 137) }
```

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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