

Converting Colors

XYZ(33.5126, 38.4001, 28.3341)

Have a look what the booklet for
XYZ(33.5126, 38.4001, 28.3341)
contains.

XYZ(33.5639, 38.4241, 28.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.5639, 38.4241,
28.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AB86
RGB	161, 171, 134
RGB Percent	63%, 67%, 53%
CMY	0.3686, 0.3294, 0.4745
CMYK	0.06, 0.00, 0.22, 0.33
HSL	76°, 18%, 60%
HSV	76°, 22%, 67%
XYZ	33.5639, 38.4241, 28.2018
YIQ	163.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

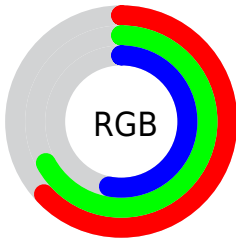
Format	Color
RYB	134, 171, 144
Decimal	10595206
CIELab	68.33, -10.09, 17.91
CIElCh	68, 20.558, 119.388
Yxy	38.4241, 0.3350, 0.3835
Android (android.graphics.Color)	4288785286 (0xFFA1AB86)
YUV	163.7920, -14.6875, -2.4486
Hunter-Lab	61.9872, -11.8260, 16.4163

Details

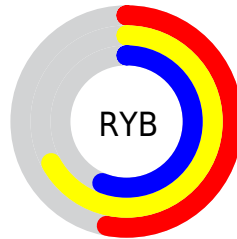
The XYZ color **33.5639, 38.4241, 28.2018** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3789, 25.9208, 42.0904**, and the grayscale version is **35.2542, 37.0901, 40.3911**.

A 20% lighter version of the original color is **64.4849, 72.5795, 57.6242**, and **14.5037, 17.0850, 10.9208** is the 20% darker color. If you saturate the color by 10%, you get **31.5522, 37.5151, 22.3773**, and if you desaturate by 10%, it is **35.8050, 39.4314, 35.0454**.

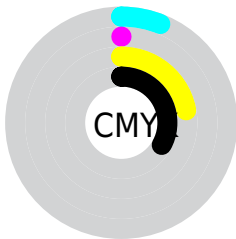
Distribution



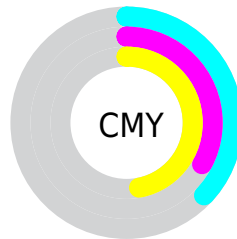
- Red (63%)
- Green (67%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (37%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5639, 38.4241, 28.2018 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 33.5639, 38.4241, 28.2018 by changing the saturation by 10% instead.

■ 33.5639, 38.4241,
28.2018

■ 33.5639, 38.4241,
28.2018

309.8033,
339.4358, 307.3722

■ 22.7201, 26.3120,
18.2375

■ 64.6037, 72.7577,
57.8334

■ 14.5065, 17.0572,
10.9494

■ 85.5304, 95.7480,
78.3378

■ 8.5578, 10.2753,
5.9191

■ 110.5488,
123.1332, 103.1926

■ 4.5087, 5.5819,
2.7279

140.0243,
155.2976, 132.8164

■ 1.9938, 2.5925,
0.9574

174.3221,
192.6257, 167.6277

■ 0.6305, 0.9229,
0.0000

213.8076,

■ 0.0000, 0.0000,

235.5018, 208.0451

0.0000

258.8462,
284.3104, 254.4871

■ 33.5639, 38.4241,
28.2018

■ 33.5639, 38.4241,
28.2018

■ 31.5522, 37.5151,
22.3773

■ 35.8050, 39.4314,
35.0454

■ 29.7572, 36.6954,
17.5206

■ 38.2814, 40.5357,
42.9512

■ 28.1696, 35.9625,
13.5798

■ 41.0026, 41.7419,
51.9626

■ 26.7780, 35.3119,
10.4971

■ 43.9767, 43.0533,
62.1200

■ 25.5698, 34.7384,
8.2081

■ 47.2113, 44.4731,
73.4618

■ 24.5306, 34.2363,
6.6394

■ 50.7136, 46.0042,
86.0245

■ 23.6435, 33.7988,
5.7038

■ 54.4906, 47.6494,
99.8432

■ 22.9880, 33.4703,
5.2488

■ 55.8986, 48.3512,
100.9943

■ 57.1358, 48.9890,
101.0522

Harmonies

Analogous

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



36.5872, 38.4241, 26.4831



33.5639, 38.4241, 28.2018



31.4436, 38.4241, 33.4358

Triad

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



33.5639, 38.4241, 28.2018



33.4557, 38.4241, 59.0437



43.0739, 38.4241, 42.0271

Complementary

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



33.5639, 38.4241, 28.2018



27.3789, 25.9208, 42.0904

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.



42.1175, 38.4241, 51.5400



33.5639, 38.4241, 28.2018



36.4548, 38.4241, 62.2089

Square

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



33.5639, 38.4241, 28.2018



31.3837, 38.4241, 51.1637



39.6468, 38.4241, 59.2825



42.1903, 38.4241, 33.7193

Rectangle

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



33.5639, 38.4241, 28.2018



30.7629, 38.4241, 38.6537



39.6468, 38.4241, 59.2825



42.9561, 38.4241, 45.1911

Sweetspot

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



33.5649, 38.4258, 28.2026



66.5217, 71.6878, 70.3538



31.0521, 30.2865, 26.7640



14.7725, 15.9590, 15.4908



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.



33.5649, 38.4258, 28.2026



58.3223, 68.0078, 45.2549



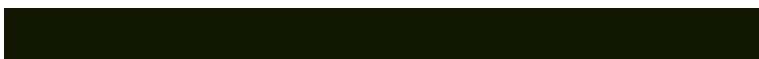
30.1315, 36.6558, 28.0419



8.4483, 9.2197, 8.5477



17.3808, 25.2572, 3.9591



0.5320, 0.7276, 0.1124

Inverse Universe

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



27.3789, 25.9208, 42.0904



45.2377, 41.5522, 74.6380



30.8520, 27.7112, 42.2529



7.7745, 7.8581, 10.0597



6.4429, 2.6813, 29.2225



0.2318, 0.1017, 0.8154

Previews

White Background



This preview shows how the XYZ color 33.5639, 38.4241, 28.2018 looks on a white background.

Color Contrast Check

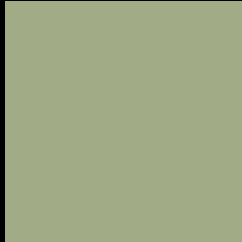
Large Text (above 18pt) WCAG AA × Fail

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 33.5639, 38.4241, 28.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

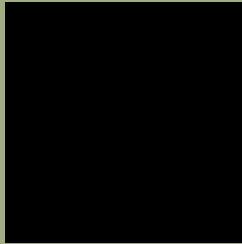
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5639, 38.4241, 28.2018

Background



This preview shows how black text looks on a background with the XYZ color 33.5639, 38.4241, 28.2018.



This preview shows how white text looks on a background with the XYZ color 33.5639, 38.4241,

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

33.5639, 38.4241, 28.2018

Protanopia

35.9325, 38.2855, 27.3258

Deuteranopia

39.0071, 38.2566, 28.6209



Tritanopia

37.4274, 38.3401, 47.5472

Trichromacy



Original Color

33.5639, 38.4241, 28.2018

Protanomaly

35.0309, 38.3566, 27.7476

Deuteranomaly

36.7047, 38.1239, 28.3458

Tritanomaly

35.8574, 38.2454, 39.6746

Monochromacy



Original Color

33.5639, 38.4241, 28.2018

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.6727, 37.7239, 35.5910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5639, 38.4241, 28.2018 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(161, 171, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 134)  
}
```

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(161, 171, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 134) }
```

Border

The CSS property to change the border of an element to XYZ 33.5639, 38.4241, 28.2018 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(161, 171, 134) }
```


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

```
.border{ border-color:rgb(161, 171, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5639, 38.4241, 28.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 134) }
```

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

```
.background{ background-color: rgb(161,  
171, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor