

Converting Colors

XYZ(33.0991, 38.5187, 38.7192)

Have a look what the booklet for
XYZ(33.0991, 38.5187, 38.7192)
contains.

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Color

**XYZ(33.1428, 38.5362,
38.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	92ADA0
RGB	146, 173, 160
RGB Percent	57%, 68%, 63%
CMY	0.4274, 0.3216, 0.3725
CMYK	0.16, 0.00, 0.08, 0.32
HSL	151°, 14%, 63%
HSV	151°, 16%, 68%
XYZ	33.1428, 38.5362, 38.9491
YIQ	163.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

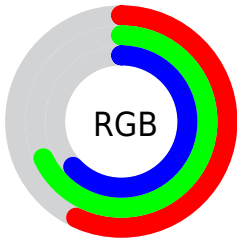
Format	Color
RYB	146, 164, 173
Decimal	9612704
CIELab	68.41, -11.93, 3.57
CIELCh	68, 12.448, 163.347
Yxy	38.5362, 0.2996, 0.3483
Android (android.graphics.Color)	4287802784 (0xFF92ADA0)
YUV	163.4450, -1.6984, -15.2993
Hunter-Lab	62.0775, -13.3357, 6.2541

Details

The XYZ color **33.1428, 38.5362, 38.9491** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.7719, 31.9462, 37.1889**, and the grayscale version is **35.0359, 36.8605, 40.1410**.

A 20% lighter version of the original color is **63.8286, 72.6725, 74.9530**, and **14.3170, 17.2118, 17.0356** is the 20% darker color. If you saturate the color by 10%, you get **29.5927, 36.7886, 35.1057**, and if you desaturate by 10%, it is **37.2093, 40.5466, 43.0733**.

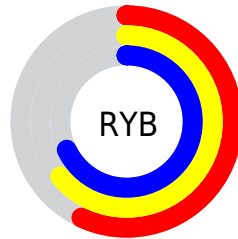
Distribution



Red (57%)

Green (68%)

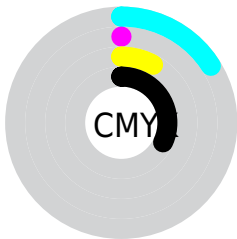
Blue (63%)



Red (57%)

Yellow (64%)

Blue (68%)

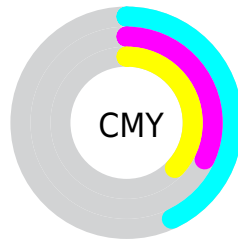


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (43%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1428, 38.5362, 38.9491 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 33.1428, 38.5362, 38.9491 by changing the saturation by 10% instead.

■ 33.1428, 38.5362,
38.9491

■ 33.1428, 38.5362,
38.9491

307.9463,
339.9146, 357.0935

■ 22.3956, 26.3991,
26.4126

■ 63.9516, 72.9293,
74.7800

■ 14.2661, 17.1225,
16.9040

■ 84.7439, 95.9540,
98.9116

■ 8.3889, 10.3218,
10.0049

109.6154,
123.3768, 127.7452

■ 4.3987, 5.6129,
5.2965

138.9312,
155.5819, 161.6994

■ 1.9301, 2.6111,
2.3605

173.0569,
192.9539, 201.1928

■ 0.5942, 0.9323,
0.7648

212.3577,

■ 0.0000, 0.0000,

235.8771, 246.6440

0.0000

257.1991,
284.7358, 298.4714

■ 33.1428, 38.5362,
38.9491

■ 33.1428, 38.5362,
38.9491

■ 29.5927, 36.7886,
35.1057

■ 37.2093, 40.5466,
43.0733

■ 26.5341, 35.2876,
31.5345

■ 41.8094, 42.8252,
47.4814

■ 23.9445, 34.0231,
28.2302

■ 46.9636, 45.3836,
52.1799

■ 21.7986, 32.9820,
25.1862

■ 52.6901, 48.2311,
57.1743

■ 20.0684, 32.1500,
22.3960

■ 59.0065, 51.3767,
62.4697

■ 18.7227, 31.5112,
19.8522

■ 65.9294, 54.8287,
68.0714

■ 17.7255, 31.0471,
17.5474

■ 68.8806, 56.2271,
73.7693

■ 17.0310, 30.7343,
15.4734

■ 70.0007, 56.6752,
79.6677

■ 16.7769, 30.6216,
14.6317

■ 71.1764, 57.1454,
85.8590

Harmonies

Analogous

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



34.1073, 38.5362, 34.6071



33.1428, 38.5362, 38.9491



33.0903, 38.5362, 44.4940

Triad

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



33.1428, 38.5362, 38.9491



37.5021, 38.5362, 53.3303



39.4298, 38.5362, 34.9949

Complementary

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



33.1428, 38.5362, 38.9491



33.7719, 31.9462, 37.1889

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.



40.4082, 38.5362, 39.5229



33.1428, 38.5362, 38.9491



39.2689, 38.5362, 50.2855

Square

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



33.1428, 38.5362, 38.9491



35.5607, 38.5362, 53.1419



40.3483, 38.5362, 45.1209



37.7154, 38.5362, 32.4671

Rectangle

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



33.1428, 38.5362, 38.9491



33.5762, 38.5362, 48.1600



40.3483, 38.5362, 45.1209



39.8583, 38.5362, 36.3152

Sweetspot

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



33.1439, 38.5378, 38.9500



67.0419, 72.8140, 77.5369



34.4412, 39.3403, 32.9729



14.4552, 15.7674, 16.7378



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.



33.1439, 38.5378, 38.9500



56.8824, 67.7963, 67.1326



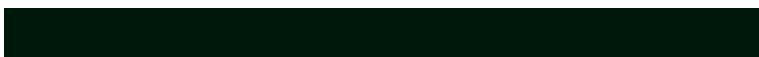
34.2556, 38.8447, 45.2294



8.0714, 9.0061, 9.4008



12.3536, 22.5067, 10.9015



0.3711, 0.6371, 0.4480

Inverse Universe

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



33.7719, 31.9462, 37.1889



58.2399, 53.5488, 63.3266



32.7714, 31.6573, 31.5779



8.1598, 8.0772, 9.1526



13.8450, 7.0005, 6.8291



0.4129, 0.2058, 0.3361

Previews

White Background



This preview shows how the XYZ color 33.1428, 38.5362, 38.9491 looks on a white background.

Color Contrast Check

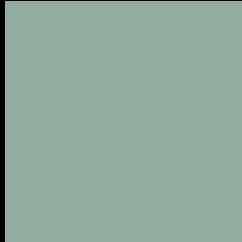
Large Text (above 18pt) WCAG AA × Fail

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 33.1428, 38.5362, 38.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

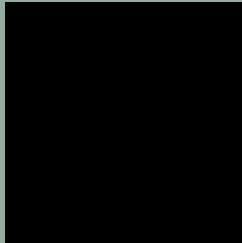
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

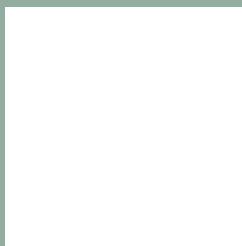
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1428, 38.5362, 38.9491

Background



This preview shows how black text looks on a background with the XYZ color 33.1428, 38.5362, 38.9491.



This preview shows how white text looks on a background with the XYZ color 33.1428, 38.5362,

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

33.1428, 38.5362, 38.9491

Protanopia

36.6502, 38.4434, 36.9411

Deuteranopia

39.0336, 38.2887, 39.5156



Tritanopia

35.4996, 38.6524, 50.3894

Trichromacy



Original Color

33.1428, 38.5362, 38.9491

Protanomaly

35.3780, 38.5968, 37.4836

Deuteranomaly

36.4657, 38.0295, 39.1367

Tritanomaly

34.6952, 38.6105, 46.1814

Monochromacy



Original Color

33.1428, 38.5362, 38.9491

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2449, 37.4142, 39.5992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1428, 38.5362, 38.9491 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(146, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 160)  
}
```

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(146, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.1428, 38.5362, 38.9491 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(146, 173, 160) }
```


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

```
.border{ border-color:rgb(146, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1428, 38.5362, 38.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 160) }
```

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

```
.background{ background-color: rgb(146,  
173, 160) }
```

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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