

Converting Colors

XYZ(32.8153, 38.4395, 29.0582)

Have a look what the booklet for
XYZ(32.8153, 38.4395, 29.0582)
contains.

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Color

**XYZ(32.7140, 38.2512,
28.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAC88
RGB	155, 172, 136
RGB Percent	61%, 67%, 53%
CMY	0.3922, 0.3255, 0.4667
CMYK	0.10, 0.00, 0.21, 0.33
HSL	88°, 18%, 60%
HSV	88°, 21%, 67%
XYZ	32.7140, 38.2512, 28.9516
YIQ	162.8130, 1.4240, -14.8000

Conversions

Conversions Part 2

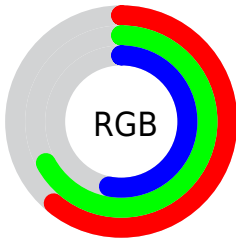
Format	Color
RYB	136, 172, 153
Decimal	10202248
CIELab	68.21, -12.55, 16.57
CIElCh	68, 20.790, 127.135
Yxy	38.2512, 0.3274, 0.3828
Android (android.graphics.Color)	4288392328 (0xFF9BAC88)
YUV	162.8130, -13.2188, -6.8520
Hunter-Lab	61.8476, -13.8164, 15.5389

Details

The XYZ color **32.7140, 38.2512, 28.9516** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.3891, 27.3603, 42.7639**, and the grayscale version is **34.7853, 36.5968, 39.8540**.

A 20% lighter version of the original color is **63.2327, 72.3139, 58.7694**, and **14.1051, 17.0479, 11.3513** is the 20% darker color. If you saturate the color by 10%, you get **30.0817, 37.0254, 22.9514**, and if you desaturate by 10%, it is **35.6495, 39.6129, 35.9917**.

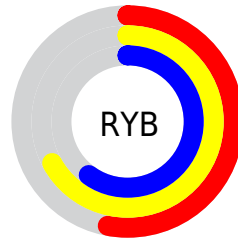
Distribution



Red (61%)

Green (67%)

Blue (53%)



Red (53%)

Yellow (67%)

Blue (60%)

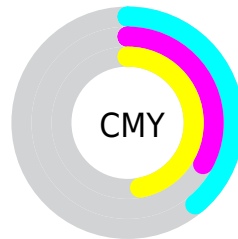


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7140, 38.2512, 28.9516 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 32.7140, 38.2512, 28.9516 by changing the saturation by 10% instead.

■ 32.7140, 38.2512,
28.9516

■ 32.7140, 38.2512,
28.9516

306.0469,
338.6963, 311.0403

■ 22.0656, 26.1777,
18.7989

■ 63.2864, 72.4930,
59.0414

■ 14.0220, 16.9566,
11.3498

■ 83.9412, 95.4301,
79.8157

■ 8.2178, 10.2036,
6.1855

■ 108.6621,
122.7572, 104.9676

■ 4.2876, 5.5341,
2.8876

137.8146,
154.8587, 134.9157

■ 1.8661, 2.5639,
1.0375

171.7639,
192.1189, 170.0784

■ 0.5570, 0.9086,
0.0000

210.8755,

■ 0.0000, 0.0000,

234.9224, 210.8744

0.0000

255.5147,
283.6534, 257.7222

■ 32.7140, 38.2512,
28.9516

■ 32.7140, 38.2512,
28.9516

■ 30.0817, 37.0254,
22.9514

■ 35.6495, 39.6129,
35.9917

■ 27.7381, 35.9258,
17.9392

■ 38.8958, 41.1100,
44.1151

■ 25.6720, 34.9488,
13.8627

■ 42.4640, 42.7484,
53.3660

■ 23.8703, 34.0889,
10.6634

■ 46.3639, 44.5323,
63.7851

■ 22.3183, 33.3400,
8.2765

■ 50.6045, 46.4655,
75.4114

■ 20.9996, 32.6954,
6.6282

■ 55.1948, 48.5517,
88.2819

■ 19.8954, 32.1470,
5.6310

■ 59.9161, 50.7038,
101.2366

■ 19.0448, 31.7190,
5.1186

■ 62.3154, 51.9407,
101.3489

■ 64.8342, 53.2392,
101.4668

Harmonies

Analogous

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



35.5861, 38.2512, 26.2986



32.7140, 38.2512, 28.9516



30.8986, 38.2512, 35.0766

Triad

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



32.7140, 38.2512, 28.9516



33.9828, 38.2512, 60.4062



42.9146, 38.2512, 39.4660

Complementary

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



32.7140, 38.2512, 28.9516



29.3891, 27.3603, 42.7639

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.



42.4223, 38.2512, 48.9952



32.7140, 38.2512, 28.9516



37.1381, 38.2512, 62.0446

Square

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



32.7140, 38.2512, 28.9516



31.6001, 38.2512, 53.4111



40.2601, 38.2512, 57.6032



41.5680, 38.2512, 31.7545

Rectangle

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



32.7140, 38.2512, 28.9516



30.4672, 38.2512, 40.7612



40.2601, 38.2512, 57.6032



42.9600, 38.2512, 42.5497

Sweetspot

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



32.7150, 38.2529, 28.9524



67.4388, 73.1383, 72.1486



32.8172, 33.2667, 27.9846



14.5768, 15.8580, 15.4817



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.



32.7150, 38.2529, 28.9524



57.1226, 68.3577, 47.3762



29.5470, 36.6197, 28.8042



8.2927, 9.1395, 8.5404



14.2356, 23.6358, 3.8119



0.4586, 0.6898, 0.1090

Inverse Universe

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



29.3891, 27.3603, 42.7639



50.0199, 45.0946, 76.8736



33.0031, 29.2234, 42.9331



7.9251, 7.9357, 10.0667



8.1440, 3.5583, 29.3021



0.2900, 0.1317, 0.8181

Previews

White Background



This preview shows how the XYZ color 32.7140, 38.2512, 28.9516 looks on a white background.

Color Contrast Check

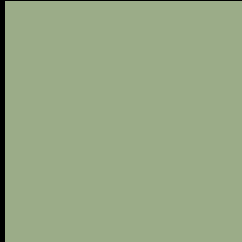
Large Text (above 18pt) WCAG AA × Fail

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 32.7140, 38.2512, 28.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

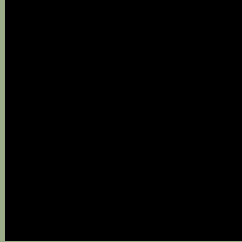
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7140, 38.2512, 28.9516

Background



This preview shows how black text looks on a background with the XYZ color 32.7140, 38.2512, 28.9516.



This preview shows how white text looks on a background with the XYZ color 32.7140, 38.2512,

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

32.7140, 38.2512, 28.9516

Protanopia

35.7744, 38.1960, 27.6774

Deuteranopia

38.9692, 38.2122, 29.7479



Tritanopia

36.4708, 38.1042, 48.0804

Trichromacy



Original Color

32.7140, 38.2512, 28.9516

Protanomaly

34.4542, 38.0513, 28.0830

Deuteranomaly

36.4533, 37.9696, 29.4523

Tritanomaly

34.9116, 38.0205, 40.1490

Monochromacy



Original Color

32.7140, 38.2512, 28.9516

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8832, 37.0459, 35.5017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7140, 38.2512, 28.9516 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(155, 172, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 172, 136)  
}
```

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(155, 172, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 172, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.7140, 38.2512, 28.9516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

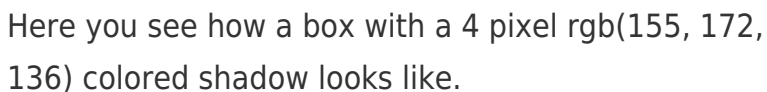
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 172, 136) }
```


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

```
.border{ border-color:rgb(155, 172, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 172, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 172, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 172, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 172,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7140, 38.2512, 28.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 172, 136) }
```

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

```
.background{ background-color: rgb(155,  
172, 136) }
```

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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