

Converting Colors

XYZ(35.5282, 38.3846, 31.0518)

Have a look what the booklet for
XYZ(35.5282, 38.3846, 31.0518)
contains.

XYZ(35.4958, 38.2484, 31.1030)	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(35.4958, 38.2484,
31.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA78E
RGB	171, 167, 142
RGB Percent	67%, 65%, 56%
CMY	0.3294, 0.3451, 0.4431
CMYK	0.00, 0.02, 0.17, 0.33
HSL	52°, 15%, 61%
HSV	52°, 17%, 67%
XYZ	35.4958, 38.2484, 31.1030
YIQ	165.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

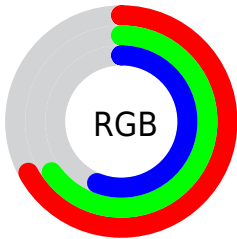
Format	Color
R_{YB}	147, 171, 142
Decimal	11249550
CIE Lab	68.20, -2.88, 13.46
CIE LCh	68, 13.765, 102.071
Yxy	38.2484, 0.3385, 0.3648
Android (android.graphics.Color)	4289439630 (0xFFABA78E)
YUV	165.3460, -11.5096, 4.9586
Hunter-Lab	61.8453, -5.7801, 13.4738

Details

The XYZ color **35.4958, 38.2484, 31.1030** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7848, 29.2481, 42.6567**, and the grayscale version is **35.9813, 37.8551, 41.2242**.

A 20% lighter version of the original color is **67.4491, 72.3968, 62.6436**, and **15.6702, 16.9561, 12.5722** is the 20% darker color. If you saturate the color by 10%, you get **33.8818, 36.9196, 24.7094**, and if you desaturate by 10%, it is **37.3167, 39.6751, 38.5383**.

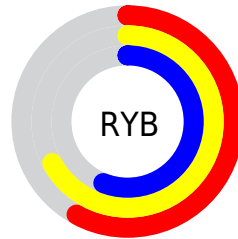
Distribution



Red (67%)

Green (65%)

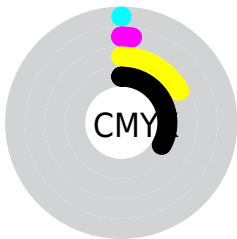
Blue (56%)



Red (58%)

Yellow (67%)

Blue (56%)

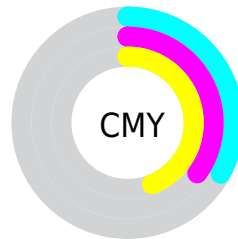


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4958, 38.2484, 31.1030 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 35.4958, 38.2484, 31.1030 by changing the saturation by 10% instead.

■ 35.4958, 38.2484,
31.1030

■ 35.4958, 38.2484,
31.1030

318.2212,
338.6843, 321.3784

■ 24.2133, 26.1755,
20.4182

■ 67.5821, 72.4887,
62.4837

■ 15.6175, 16.9550,
12.5123

■ 89.1167, 95.4249,
84.0166

■ 9.3431, 10.2024,
6.9668

■ 114.7993,
122.7511, 110.0026

■ 5.0245, 5.5334,
3.3632

144.9954,
154.8516, 140.8603

■ 2.2966, 2.5635,
1.2830

180.0703,
192.1107, 177.0082

■ 0.7929, 0.9083,
0.0478

220.3893,

■ 0.0000, 0.0000,

234.9130, 218.8648

0.0000

266.3178,
283.6427, 266.8487

■ 35.4958, 38.2484,
31.1030

■ 35.4958, 38.2484,
31.1030

■ 33.8818, 36.9196,
24.7094

■ 37.3167, 39.6751,
38.5383

■ 32.4627, 35.6801,
19.3079

■ 39.3499, 41.1981,
47.0569

■ 31.2298, 34.5274,
14.8485

■ 41.6043, 42.8222,
56.7013

■ 30.1725, 33.4574,
11.2760

■ 44.0874, 44.5507,
67.5108

■ 29.2793, 32.4653,
8.5292

■ 46.8065, 46.3863,
79.5230

■ 28.5370, 31.5459,
6.5394

■ 49.7682, 48.3320,
92.7736

■ 27.9304, 30.6929,
5.2266

■ 51.8813, 49.9511,
101.5148

■ 27.4372, 29.8974,
4.4740

■ 52.3731, 50.9348,
101.6788

■ 27.2965, 29.6616,
4.2866

■ 52.8732, 51.9349,
101.8455

Harmonies

Analogous

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



37.6421, 38.2484, 31.3616



35.4958, 38.2484, 31.1030



33.6523, 38.2484, 33.4571

Triad

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



35.4958, 38.2484, 31.1030



33.3692, 38.2484, 50.0983



40.4330, 38.2484, 45.4000

Complementary

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



35.4958, 38.2484, 31.1030



28.7848, 29.2481, 42.6567

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.



39.1965, 38.2484, 51.0726



35.4958, 38.2484, 31.1030



35.0955, 38.2484, 53.9638

Square

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



35.4958, 38.2484, 31.1030



32.4574, 38.2484, 44.1727



37.2258, 38.2484, 54.3370



40.5506, 38.2484, 39.2175

Rectangle

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



35.4958, 38.2484, 31.1030



32.8206, 38.2484, 36.3405



37.2258, 38.2484, 54.3370



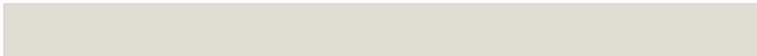
40.1322, 38.2484, 47.4443

Sweetspot

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



35.4968, 38.2501, 31.1038



67.4834, 71.5522, 71.7229



31.6836, 30.0906, 31.4757



14.9957, 15.9159, 15.7728



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.



35.4968, 38.2501, 31.1038



62.5503, 67.6759, 51.6123



34.1135, 38.6406, 31.2521



8.5672, 9.1392, 8.5259



20.6059, 22.4172, 3.2409



0.5986, 0.6744, 0.0986

Inverse Universe

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



28.7848, 29.2481, 42.6567



48.4620, 48.7820, 75.8635



30.0011, 28.9767, 42.5402



7.6646, 7.9286, 10.0791



5.8046, 2.7431, 29.2680



0.1885, 0.1303, 0.8232

Previews

White Background



This preview shows how the XYZ color 35.4958, 38.2484, 31.1030 looks on a white background.

Color Contrast Check

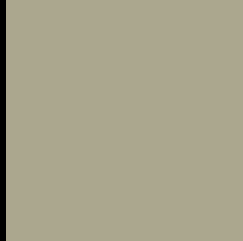
Large Text (above 18pt) WCAG AA × Fail

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 35.4958, 38.2484, 31.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

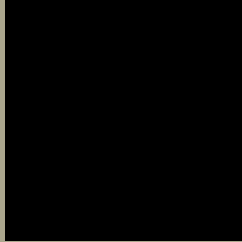
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

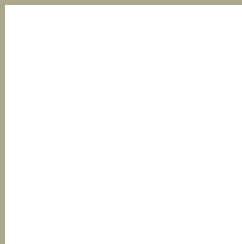
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4958, 38.2484, 31.1030

Background



This preview shows how black text looks on a background with the XYZ color 35.4958, 38.2484, 31.1030.



This preview shows how white text looks on a background with the XYZ color 35.4958, 38.2484,

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

35.4958, 38.2484, 31.1030

Protanopia

36.1231, 38.3095, 30.6899

Deuteranopia

38.7639, 38.0719, 31.2921



Tritanopia

38.3374, 38.0498, 45.8812

Trichromacy



Original Color

35.4958, 38.2484, 31.1030

Protanomaly

35.8995, 38.1942, 30.6794

Deuteranomaly

37.5836, 38.2448, 31.3877

Tritanomaly

37.3419, 38.1939, 40.0544

Monochromacy



Original Color

35.4958, 38.2484, 31.1030

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6584, 37.9222, 37.3386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4958, 38.2484, 31.1030 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(171, 167, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 142)  
}
```

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(171, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 142) }
```

Border

The CSS property to change the border of an element to XYZ 35.4958, 38.2484, 31.1030 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(171, 167, 142) }
```


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

```
.border{ border-color:rgb(171, 167, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4958, 38.2484, 31.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 142) }
```

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

```
.background{ background-color: rgb(171,  
167, 142) }
```

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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