

Converting Colors

XYZ(33.7267, 37.3180, 25.0096)

Have a look what the booklet for
XYZ(33.7267, 37.3180, 25.0096)
contains.

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Color

**XYZ(33.7643, 37.2138,
25.1421)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A67E
RGB	169, 166, 126
RGB Percent	66%, 65%, 49%
CMY	0.3373, 0.3490, 0.5059
CMYK	0.00, 0.02, 0.25, 0.34
HSL	56°, 20%, 58%
HSV	56°, 25%, 66%
XYZ	33.7643, 37.2138, 25.1421
YIQ	162.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

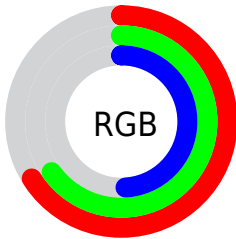
Format	Color
RYB	129, 169, 126
Decimal	11118206
CIELab	67.44, -5.53, 21.16
CIELCh	67, 21.868, 104.645
Yxy	37.2138, 0.3513, 0.3872
Android (android.graphics.Color)	4289308286 (0xFFA9A67E)
YUV	162.3370, -17.9141, 5.8435
Hunter-Lab	61.0031, -7.9584, 18.2661

Details

The XYZ color **33.7643, 37.2138, 25.1421** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6158, 23.0002, 40.7311**, and the grayscale version is **34.5781, 36.3789, 39.6166**.

A 20% lighter version of the original color is **65.0445, 70.9751, 52.9192**, and **14.5593, 16.2835, 9.3968** is the 20% darker color. If you saturate the color by 10%, you get **32.5520, 36.3892, 19.8048**, and if you desaturate by 10%, it is **35.1648, 38.1194, 31.4519**.

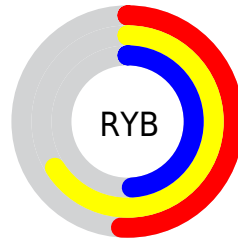
Distribution



Red (66%)

Green (65%)

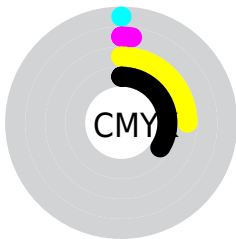
Blue (49%)



Red (51%)

Yellow (66%)

Blue (49%)

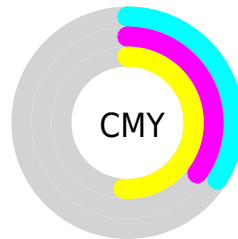


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7643, 37.2138, 25.1421 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 33.7643, 37.2138, 25.1421 by changing the saturation by 10% instead.

■ 33.7643, 37.2138,
25.1421

■ 33.7643, 37.2138,
25.1421

310.6842,
334.2352, 292.0152

■ 22.8746, 25.3731,
15.9630

■ 64.9137, 70.9015,
52.8546

■ 14.6211, 16.3552,
9.3439

■ 85.9041, 93.5172,
72.2251

■ 8.6385, 9.7759,
4.8663

■ 110.9922,
120.4934, 95.8298

■ 4.5614, 5.2506,
2.1117

140.5432,
152.2145, 124.0872

■ 2.0244, 2.3950,
0.6227

174.9226,
189.0648, 157.4159

■ 0.6476, 0.8233,
0.0000

214.4956,

■ 0.0000, 0.0000,

231.4288, 196.2345

0.0000

259.6277,
279.6908, 240.9614

■ 33.7643, 37.2138,
25.1421

■ 33.7643, 37.2138,
25.1421

■ 32.5520, 36.3892,
19.8048

■ 35.1648, 38.1194,
31.4519

■ 31.5156, 35.6369,
15.3890

■ 36.7591, 39.1043,
38.7773

■ 30.6462, 34.9544,
11.8425

■ 38.5564, 40.1736,
47.1614

■ 29.9326, 34.3374,
9.1069

■ 40.5642, 41.3303,
56.6443

■ 29.3624, 33.7808,
7.1168

■ 42.7897, 42.5772,
67.2640

■ 28.9211, 33.2789,
5.7965

■ 45.2398, 43.9171,
79.0566

■ 28.5907, 32.8244,
5.0500

■ 47.9211, 45.3527,
92.0566

■ 28.4573, 32.6252,
4.7974

■ 49.8250, 46.4805,
100.9533

■ 50.0559, 46.9423,
101.0303

Harmonies

Analogous

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



37.1068, 37.2138, 25.1853



33.7643, 37.2138, 25.1421



31.0277, 37.2138, 28.7433

Triad

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



33.7643, 37.2138, 25.1421



30.9759, 37.2138, 54.9407



41.9643, 37.2138, 45.6121

Complementary

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



33.7643, 37.2138, 25.1421



23.6158, 23.0002, 40.7311

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.



40.1010, 37.2138, 55.1394



33.7643, 37.2138, 25.1421



33.6895, 37.2138, 61.0776

Square

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



33.7643, 37.2138, 25.1421



29.4882, 37.2138, 45.3731



37.0271, 37.2138, 61.1556



41.9875, 37.2138, 36.0250

Rectangle

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



33.7643, 37.2138, 25.1421



29.8546, 37.2138, 33.1106



37.0271, 37.2138, 61.1556



41.5274, 37.2138, 48.9586

Sweetspot

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



33.7653, 37.2155, 25.1429



65.0271, 69.5424, 65.7215



27.8248, 24.9577, 24.3241



14.0805, 15.1004, 13.8981



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7653, 37.2155, 25.1429



59.1048, 65.7301, 38.9853



30.7322, 36.4698, 25.1588



8.1015, 8.6830, 8.0383



21.2251, 24.3475, 3.5809



0.5292, 0.6180, 0.0914

Inverse Universe

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



23.6158, 23.0002, 40.7311



37.5446, 35.5350, 72.1052



26.1098, 23.7086, 40.7364



7.1722, 7.3814, 9.4651



5.4492, 2.3587, 28.1436



0.1453, 0.0828, 0.6890

Previews

White Background



This preview shows how the XYZ color 33.7643, 37.2138, 25.1421 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 33.7643, 37.2138, 25.1421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

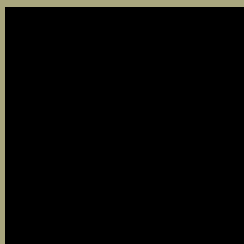
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

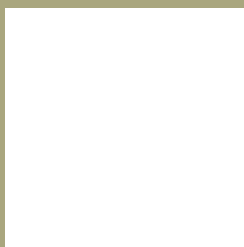
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7643, 37.2138, 25.1421

Background



This preview shows how black text looks on a background with the XYZ color 33.7643, 37.2138, 25.1421.



This preview shows how white text looks on a background with the XYZ color 33.7643, 37.2138,

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

33.7643, 37.2138, 25.1421

Protanopia

34.6563, 37.1455, 24.7453

Deuteranopia

37.8614, 37.2187, 25.6105



Tritanopia

37.6964, 37.2341, 44.2298

Trichromacy



Original Color

33.7643, 37.2138, 25.1421

Protanomaly

34.3904, 37.2752, 24.7843

Deuteranomaly

36.3428, 37.2124, 25.3459

Tritanomaly

36.0703, 37.0915, 36.2686

Monochromacy



Original Color

33.7643, 37.2138, 25.1421

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0391, 36.3636, 33.6586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7643, 37.2138, 25.1421 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(169, 166, 126)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 126)  
}
```

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(169, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 126) }
```

Border

The CSS property to change the border of an element to XYZ 33.7643, 37.2138, 25.1421 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(169, 166, 126) }
```


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

```
.border{ border-color:rgb(169, 166, 126) }
```

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

Here you see how a box with a 4 pixel rgb(169, 166, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 126);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7643, 37.2138, 25.1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 126) }
```

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

```
.background{ background-color: rgb(169,  
166, 126) }
```

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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