

Converting Colors

XYZ(34.3440, 37.5580, 16.9333)

Have a look what the booklet for
XYZ(34.3440, 37.5580, 16.9333)
contains.

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Color

**XYZ(34.2501, 37.3758,
16.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A562
RGB	179, 165, 98
RGB Percent	70%, 65%, 38%
CMY	0.2980, 0.3529, 0.6157
CMYK	0.00, 0.08, 0.45, 0.30
HSL	50°, 35%, 54%
HSV	50°, 45%, 70%
XYZ	34.2501, 37.3758, 16.9644
YIQ	161.5480, 29.8510, -17.8690

Conversions

Conversions Part 2

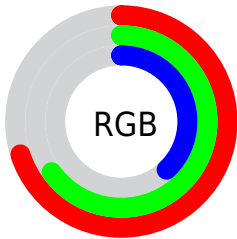
Format	Color
RYB	115, 179, 98
Decimal	11773282
CIELab	67.56, -4.36, 36.45
CIELCh	68, 36.706, 96.821
Yxy	37.3758, 0.3866, 0.4219
Android (android.graphics.Color)	4289963362 (0xFFB3A562)
YUV	161.5480, -31.3292, 15.3054
Hunter-Lab	61.1358, -6.9865, 26.3428

Details

The XYZ color **34.2501, 37.3758, 16.9644** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.9677, 17.4391, 45.0140**, and the grayscale version is **34.2640, 36.0484, 39.2567**.

A 20% lighter version of the original color is **65.6903, 71.2213, 39.1390**, and **14.9170, 16.3920, 5.2835** is the 20% darker color. If you saturate the color by 10%, you get **32.9469, 35.9740, 12.8164**, and if you desaturate by 10%, it is **35.7577, 38.8836, 22.1138**.

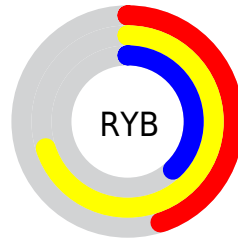
Distribution



Red (70%)

Green (65%)

Blue (38%)



Red (45%)

Yellow (70%)

Blue (38%)

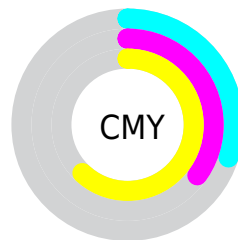


Cyan (0%)

Magenta (8%)

Yellow (45%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2501, 37.3758, 16.9644 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 34.2501, 37.3758, 16.9644 by changing the saturation by 10% instead.


 34.2501, 37.3758,
16.9644


 34.2501, 37.3758,
16.9644


312.8121,
334.9347, 247.0041

 23.2496, 25.4986,
10.0474


 65.6641, 71.1504,
39.0544


 14.8996, 16.4489,
5.3244


 86.8083, 93.8166,
55.0644

 8.8348, 9.8424,
2.3768


 112.0645,
120.8478, 74.9426

 4.6898, 5.2946,
0.7738

 141.7980,
152.6286, 99.1075

 2.0993, 2.4211,
0.0000

176.3742,
189.5433, 127.9775

 0.6889, 0.8367,
0.0000

216.1583,

 0.0000, 0.0000,

231.9763, 161.9713

0.0000

261.5159,
280.3119, 201.5073

■ 34.2501, 37.3758,
16.9644

■ 34.2501, 37.3758,
16.9644

■ 32.9469, 35.9740,
12.8164

■ 35.7577, 38.8836,
22.1138

■ 31.8324, 34.6678,
9.6004

■ 37.4785, 40.4971,
28.3233

■ 30.8933, 33.4530,
7.2416


■ 39.4242, 42.2225,
35.6498


■ 30.1127, 32.3228,
5.6528


■ 41.6049, 44.0639,
44.1455

■ 29.4701, 31.2688,
4.7264


■ 44.0298, 46.0251,
53.8590

 29.1915, 30.7860,
4.4037

 46.7079, 48.1099,
64.8367

 49.6474, 50.3217,
77.1220

 52.8564, 52.6640,
90.7566

 55.6749, 54.8727,
102.2649

Harmonies

Analogous

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



39.9735, 37.3758, 18.2751



34.2501, 37.3758, 16.9644



29.4046, 37.3758, 20.5283

Triad

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



34.2501, 37.3758, 16.9644



27.5199, 37.3758, 62.3303



46.4740, 37.3758, 54.2084

Complementary

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



34.2501, 37.3758, 16.9644



18.9677, 17.4391, 45.0140

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.



42.4398, 37.3758, 71.0211



34.2501, 37.3758, 16.9644



31.4187, 37.3758, 76.5122

Square

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



34.2501, 37.3758, 16.9644



25.7945, 37.3758, 44.5034



36.8303, 37.3758, 80.0550



47.4374, 37.3758, 37.1120

Rectangle

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



34.2501, 37.3758, 16.9644



27.1872, 37.3758, 25.9360



36.8303, 37.3758, 80.0550



45.4128, 37.3758, 60.2030

Sweetspot

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



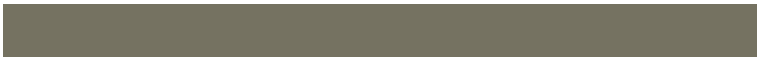
34.2510, 37.3775, 16.9652



70.9846, 75.9445, 65.2937



25.9305, 19.5083, 17.9778



15.5519, 16.6743, 13.7960



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.2510, 37.3775, 16.9652



59.0806, 64.5109, 23.1771



31.5278, 39.9284, 17.6011



9.0697, 9.6518, 9.0375



20.6701, 21.8388, 3.1259



0.6832, 0.7529, 0.1093

Inverse Universe

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



18.9677, 17.4391, 45.0140



28.3758, 24.4802, 79.6108



20.7664, 16.2496, 44.6896



8.1567, 8.4597, 10.7093



6.1289, 3.0581, 30.4042



0.2287, 0.1680, 0.9686

Previews

White Background



This preview shows how the XYZ color 34.2501, 37.3758, 16.9644 looks on a white background.

Color Contrast Check

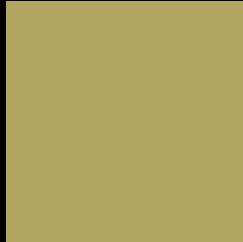
Large Text (above 18pt) WCAG AA × Fail

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 34.2501, 37.3758, 16.9644 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 34.2501, 37.3758, 16.9644

Background



This preview shows how black text looks on a background with the XYZ color 34.2501, 37.3758, 16.9644.



This preview shows how white text looks on a background with the XYZ color 34.2501, 37.3758,

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

34.2501, 37.3758, 16.9644

Protanopia

34.4821, 37.4954, 16.9752

Deuteranopia

37.9104, 37.1762, 17.2342



Tritanopia

39.4681, 37.4176, 42.6782

Trichromacy



Original Color

34.2501, 37.3758, 16.9644

Protanomaly

34.4821, 37.4954, 16.9752

Deuteranomaly

36.5612, 37.2489, 17.0672

Tritanomaly

37.0572, 37.1921, 31.2123

Monochromacy



Original Color

34.2501, 37.3758, 16.9644

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.9058, 36.3833, 29.6617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2501, 37.3758, 16.9644 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(179, 165, 98)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 98)  
}
```

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(179, 165, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 98) }
```

Border

The CSS property to change the border of an element to XYZ 34.2501, 37.3758, 16.9644 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(179, 165, 98) }
```


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

```
.border{ border-color:rgb(179, 165, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 98);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2501, 37.3758, 16.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 98) }
```

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

```
.background{ background-color: rgb(179,  
165, 98) }
```

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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