

Converting Colors

XYZ(34.6924, 37.4440, 21.5225)

Have a look what the booklet for
XYZ(34.6924, 37.4440, 21.5225)
contains.

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Color

**XYZ(34.6811, 37.4952,
21.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A573
RGB	177, 165, 115
RGB Percent	69%, 65%, 45%
CMY	0.3059, 0.3529, 0.5490
CMYK	0.00, 0.07, 0.35, 0.31
HSL	48°, 28%, 57%
HSV	48°, 35%, 69%
XYZ	34.6811, 37.4952, 21.6291
YIQ	162.8880, 23.2020, -13.0060

Conversions

Conversions Part 2

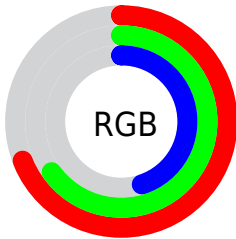
Format	Color
RYB	130, 177, 115
Decimal	11642227
CIELab	67.65, -3.26, 27.52
CIELCh	68, 27.715, 96.748
Yxy	37.4952, 0.3697, 0.3997
Android (android.graphics.Color)	4289832307 (0xFFB1A573)
YUV	162.8880, -23.6088, 12.3762
Hunter-Lab	61.2333, -6.0602, 21.9207

Details

The XYZ color **34.6811, 37.4952, 21.6291** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.5953, 21.9972, 44.6499**, and the grayscale version is **34.8609, 36.6764, 39.9406**.

A 20% lighter version of the original color is **66.1725, 71.3001, 46.8338**, and **15.0569, 16.4146, 7.5290** is the 20% darker color. If you saturate the color by 10%, you get **33.1497, 35.9088, 16.5671**, and if you desaturate by 10%, it is **36.4265, 39.1964, 27.7282**.

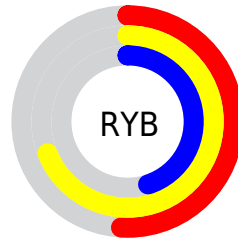
Distribution



Red (69%)

Green (65%)

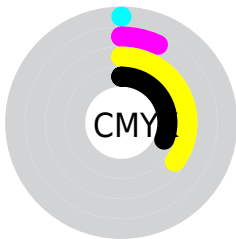
Blue (45%)



Red (51%)

Yellow (69%)

Blue (45%)

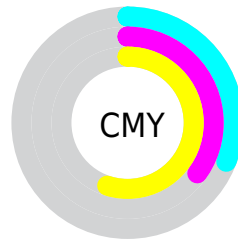


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6811, 37.4952, 21.6291 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 34.6811, 37.4952, 21.6291 by changing the saturation by 10% instead.

■ 34.6811, 37.4952,
21.6291

■ 34.6811, 37.4952,
21.6291

314.6912,
335.4495, 273.4932

■ 23.5827, 25.5911,
13.3889

■ 66.3287, 71.3338,
47.0265

■ 15.1474, 16.5180,
7.5630

■ 87.6087, 94.0370,
65.0208

■ 9.0099, 9.8915,
3.7329

■ 113.0131,
121.1088, 87.1036

■ 4.8048, 5.3270,
1.4800

142.9075,
152.9335, 113.6934

■ 2.1668, 2.4404,
0.2030

177.6572,
189.8956, 145.2087

■ 0.7251, 0.8466,
0.0000

217.6274,

■ 0.0000, 0.0000,

232.3793, 182.0680

0.0000

263.1837,
280.7692, 224.6900

■ 34.6811, 37.4952,
21.6291

■ 34.6811, 37.4952,
21.6291

■ 33.1497, 35.9088,
16.5671

■ 36.4265, 39.1964,
27.7282

■ 31.8182, 34.4273,
12.4806

■ 38.3936, 41.0115,
34.9165

■ 30.6749, 33.0471,
9.3053


■ 40.5930, 42.9465,
43.2455


■ 29.7059, 31.7625,
6.9679


■ 43.0339, 45.0051,
52.7627


■ 28.8950, 30.5668,
5.3840


■ 45.7249, 47.1910,
63.5127


 28.2224, 29.4518,
4.4500

 48.6742, 49.5076,
75.5381

 27.9171, 28.9184,
4.1104

 51.8895, 51.9584,
88.8794

 55.1193, 54.4428,
102.2111

 55.8821, 55.9683,
102.4654

Harmonies

Analogous

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



38.9819, 37.4952, 22.7944



34.6811, 37.4952, 21.6291



30.9437, 37.4952, 24.7214

Triad

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



34.6811, 37.4952, 21.6291



29.4502, 37.4952, 56.5889



43.7347, 37.4952, 50.8404

Complementary

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



34.6811, 37.4952, 21.6291



22.5953, 21.9972, 44.6499

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.



40.7847, 37.4952, 62.7384



34.6811, 37.4952, 21.6291



32.4911, 37.4952, 66.4938

Square

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



34.6811, 37.4952, 21.6291



28.0838, 37.4952, 43.6544



36.6125, 37.4952, 68.9440



44.4383, 37.4952, 38.1223

Rectangle

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



34.6811, 37.4952, 21.6291



29.1977, 37.4952, 29.2323



36.6125, 37.4952, 68.9440



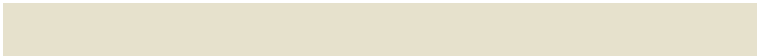
42.9620, 37.4952, 55.1393

Sweetspot

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



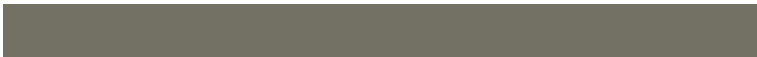
34.6820, 37.4969, 21.6299



70.2240, 74.7551, 68.0152



28.1194, 23.1518, 23.2028



15.1087, 16.1031, 14.3260



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.6820, 37.4969, 21.6299



59.9713, 64.9513, 31.6062



32.9962, 39.9919, 22.2003



9.0546, 9.6217, 9.0325



20.2693, 21.0372, 2.9923



0.6736, 0.7336, 0.1061

Inverse Universe

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



22.5953, 21.9972, 44.6499



35.0922, 33.0590, 79.0268



23.8348, 20.4718, 44.2902



8.1707, 8.4875, 10.7139



6.2040, 3.2084, 30.4293



0.2345, 0.1795, 0.9705

Previews

White Background



This preview shows how the XYZ color 34.6811, 37.4952, 21.6291 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 34.6811, 37.4952, 21.6291 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

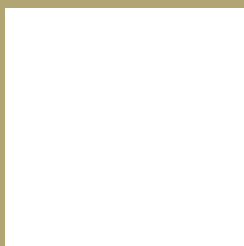
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6811, 37.4952, 21.6291

Background



This preview shows how black text looks on a background with the XYZ color 34.6811, 37.4952, 21.6291.



This preview shows how white text looks on a background with the XYZ color 34.6811, 37.4952,

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

34.6811, 37.4952, 21.6291

Protanopia

34.9097, 37.6130, 21.6398

Deuteranopia

38.2027, 37.4738, 22.0493



Tritanopia

39.0110, 37.4233, 43.1975

Trichromacy



Original Color

34.6811, 37.4952, 21.6291

Protanomaly

34.9097, 37.6130, 21.6398

Deuteranomaly

36.8835, 37.5695, 21.8307

Tritanomaly

37.3059, 37.5155, 34.1291

Monochromacy



Original Color

34.6811, 37.4952, 21.6291

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6122, 36.9511, 32.5021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6811, 37.4952, 21.6291 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(177, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(177, 165, 115)  
}
```

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(177, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 165, 115) }
```

Border

The CSS property to change the border of an element to XYZ 34.6811, 37.4952, 21.6291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

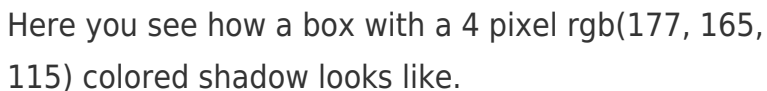
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 165, 115) }
```


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

```
.border{ border-color:rgb(177, 165, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 165, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 165, 115); box-shadow:4px 4px 4px 4px rgb(177, 165, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6811, 37.4952, 21.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 165, 115) }
```

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

```
.background{ background-color: rgb(177,  
165, 115) }
```

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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