

Converting Colors

XYZ(34.8734, 37.2697, 24.7325)

Have a look what the booklet for
XYZ(34.8734, 37.2697, 24.7325)
contains.

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Color

**XYZ(34.8816, 37.2617,
24.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A47D
RGB	176, 164, 125
RGB Percent	69%, 64%, 49%
CMY	0.3098, 0.3568, 0.5098
CMYK	0.00, 0.07, 0.29, 0.31
HSL	46°, 24%, 59%
HSV	46°, 29%, 69%
XYZ	34.8816, 37.2617, 24.7558
YIQ	163.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

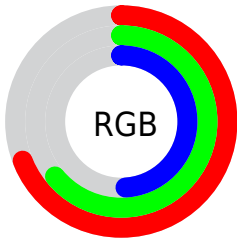
Format	Color
RYB	141, 176, 125
Decimal	11576445
CIELab	67.47, -1.82, 21.85
CIELCh	67, 21.926, 94.759
Yxy	37.2617, 0.3600, 0.3845
Android (android.graphics.Color)	4289766525 (0xFFB0A47D)
YUV	163.1420, -18.8040, 11.2765
Hunter-Lab	61.0424, -4.8234, 18.6845

Details

The XYZ color **34.8816, 37.2617, 24.7558** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.2394, 25.3851, 44.6439**, and the grayscale version is **34.9602, 36.7808, 40.0543**.

A 20% lighter version of the original color is **66.6461, 71.0332, 52.3176**, and **15.2671, 16.3211, 9.1831** is the 20% darker color. If you saturate the color by 10%, you get **33.1269, 35.3949, 19.1068**, and if you desaturate by 10%, it is **36.8616, 39.2598, 31.4637**.

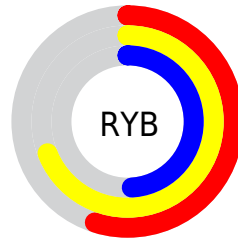
Distribution



Red (69%)

Green (64%)

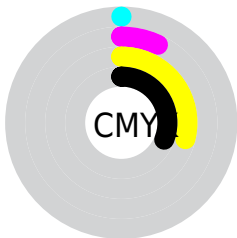
Blue (49%)



Red (55%)

Yellow (69%)

Blue (49%)

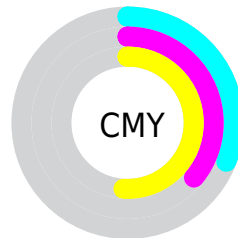


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8816, 37.2617, 24.7558 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 34.8816, 37.2617, 24.7558 by changing the saturation by 10% instead.


 34.8816, 37.2617,
24.7558


 34.8816, 37.2617,
24.7558


315.5626,
334.4422, 290.0283

 23.7378, 25.4102,
15.6778


 66.6375, 70.9751,
52.2200

 15.2629, 16.3829,
9.1446


 87.9804, 93.6058,
71.4433

 9.0916, 9.7955,
4.7375


 113.4536,
120.5983, 94.8855

 4.8586, 5.2636,
2.0381

143.4225,
152.3370, 122.9650

 2.1984, 2.4027,
0.5785

178.2525,
189.2064, 156.1006

 0.7419, 0.8273,
0.0000

218.3089,

 0.0000, 0.0000,

231.5907, 194.7106

0.0000

263.9572,
279.8745, 239.2136

■ 34.8816, 37.2617,
24.7558

■ 34.8816, 37.2617,
24.7558

■ 33.1269, 35.3949,
19.1068

■ 36.8616, 39.2598,
31.4637

■ 31.5839, 33.6497,
14.4590

■ 39.0740, 41.3885,
39.2796

■ 30.2419, 32.0228,
10.7525

■ 41.5290, 43.6536,
48.2522

■ 29.0878, 30.5085,
7.9202

■ 44.2356, 46.0589,
58.4269

■ 28.1069, 29.1006,
5.8860

■ 47.2019, 48.6081,
69.8463

■ 27.2822, 27.7920,
4.5607

■ 50.4359, 51.3048,
82.5511

■ 26.5821, 26.5694,
3.7791

■ 53.9452, 54.1522,
96.5801

■ 26.5132, 26.4474,
3.7075

■ 55.9485, 56.4382,
102.5526

■ 56.9023, 58.3457,
102.8705

Harmonies

Analogous

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



38.2495, 37.2617, 26.0038



34.8816, 37.2617, 24.7558



31.8514, 37.2617, 27.1645

Triad

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



34.8816, 37.2617, 24.7558



30.3586, 37.2617, 52.0888



41.6016, 37.2617, 49.0038

Complementary

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



34.8816, 37.2617, 24.7558



25.2394, 25.3851, 44.6439

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.



39.2374, 37.2617, 57.7925



34.8816, 37.2617, 24.7558



32.7263, 37.2617, 59.7623

Square

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



34.8816, 37.2617, 24.7558



29.3475, 37.2617, 42.1298



35.9561, 37.2617, 61.9989



42.2685, 37.2617, 39.0524

Rectangle

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



34.8816, 37.2617, 24.7558



30.3867, 37.2617, 30.7849



35.9561, 37.2617, 61.9989



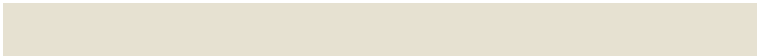
40.9720, 37.2617, 52.2396

Sweetspot

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



34.8826, 37.2634, 24.7566



70.7908, 74.9931, 70.9651



29.8078, 25.7255, 27.3449



15.2120, 16.1298, 14.9152



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.



34.8826, 37.2634, 24.7566



61.1084, 65.3092, 37.8923



34.3827, 40.3444, 25.3776



9.0243, 9.5611, 9.0224



19.4996, 19.4978, 2.7357



0.6548, 0.6960, 0.0998

Inverse Universe

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



25.2394, 25.3851, 44.6439



40.6544, 40.1216, 80.0968



25.6104, 23.1843, 44.1995



8.1989, 8.5439, 10.7233



6.3803, 3.5609, 30.4880



0.2460, 0.2026, 0.9744

Previews

White Background



This preview shows how the XYZ color 34.8816, 37.2617, 24.7558 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 34.8816, 37.2617, 24.7558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

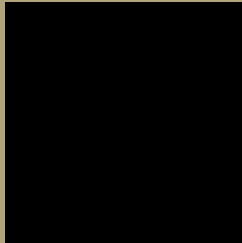
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8816, 37.2617, 24.7558

Background



This preview shows how black text looks on a background with the XYZ color 34.8816, 37.2617, 24.7558.



This preview shows how white text looks on a background with the XYZ color 34.8816, 37.2617,

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

34.8816, 37.2617, 24.7558

Protanopia

34.8816, 37.2617, 24.7558

Deuteranopia

37.9851, 37.2975, 24.9358



Tritanopia

38.5386, 37.1798, 43.1754

Trichromacy



Original Color

34.8816, 37.2617, 24.7558

Protanomaly

34.8816, 37.2617, 24.7558

Deuteranomaly

36.8302, 37.2128, 24.9803

Tritanomaly

36.9939, 37.0584, 35.7750

Monochromacy



Original Color

34.8816, 37.2617, 24.7558

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6705, 36.6891, 33.6882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8816, 37.2617, 24.7558 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(176, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 125)  
}
```

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(176, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 125) }
```

Border

The CSS property to change the border of an element to XYZ 34.8816, 37.2617, 24.7558 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(176, 164, 125) }
```


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

```
.border{ border-color:rgb(176, 164, 125) }
```

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

Here you see how a box with a 4 pixel rgb(176, 164, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8816, 37.2617, 24.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 125) }
```

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

```
.background{ background-color: rgb(176,  
164, 125) }
```

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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