

Converting Colors

XYZ(34.9057, 37.3658, 27.4188)

Have a look what the booklet for
XYZ(34.9057, 37.3658, 27.4188)
contains.

XYZ(34.9224, 37.4880, 27.5856)	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(34.9224, 37.4880,
27.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA585
RGB	173, 165, 133
RGB Percent	68%, 65%, 52%
CMY	0.3216, 0.3529, 0.4784
CMYK	0.00, 0.05, 0.23, 0.32
HSL	48°, 20%, 60%
HSV	48°, 23%, 68%
XYZ	34.9224, 37.4880, 27.5856
YIQ	163.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

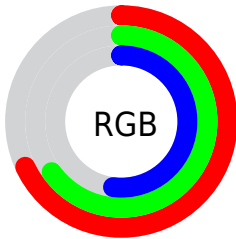
Format	Color
RYB	143, 173, 133
Decimal	11380101
CIELab	67.64, -2.41, 17.66
CIElCh	68, 17.820, 97.762
Yxy	37.4880, 0.3492, 0.3749
Android (android.graphics.Color)	4289570181 (0xFFADA585)
YUV	163.7440, -15.1568, 8.1175
Hunter-Lab	61.2274, -5.3367, 16.1465

Details

The XYZ color **34.9224, 37.4880, 27.5856** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7405, 27.0528, 43.3478**, and the grayscale version is **35.2305, 37.0652, 40.3640**.

A 20% lighter version of the original color is **66.7692, 71.3896, 56.7148**, and **15.2122, 16.4279, 10.5527** is the 20% darker color. If you saturate the color by 10%, you get **33.2093, 35.8193, 21.5956**, and if you desaturate by 10%, it is **36.8513, 39.2725, 34.6197**.

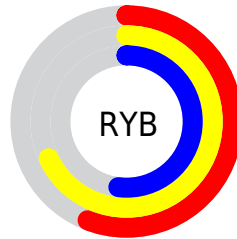
Distribution



Red (68%)

Green (65%)

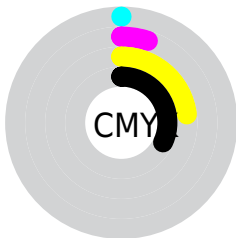
Blue (52%)



Red (56%)

Yellow (68%)

Blue (52%)

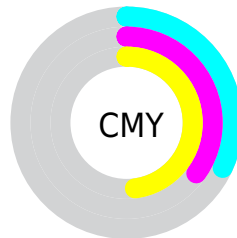


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9224, 37.4880, 27.5856 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 34.9224, 37.4880, 27.5856 by changing the saturation by 10% instead.

■ 34.9224, 37.4880,
27.5856

■ 34.9224, 37.4880,
27.5856

315.7397,
335.4185, 304.3308

■ 23.7693, 25.5856,
17.7772

■ 66.7004, 71.3227,
56.8373

■ 15.2864, 16.5138,
10.6224

■ 88.0560, 94.0237,
77.1176

■ 9.1083, 9.8885,
5.7025

■ 113.5431,
121.0931, 101.7257

■ 4.8695, 5.3251,
2.5992

143.5272,
152.9152, 131.0800

■ 2.2049, 2.4392,
0.8921

178.3735,
189.8743, 165.5991

■ 0.7453, 0.8460,
0.0000

218.4475,

■ 0.0000, 0.0000,

232.3550, 205.7016

0.0000

264.1144,
280.7416, 251.8060

■ 34.9224, 37.4880,
27.5856

■ 34.9224, 37.4880,
27.5856

■ 33.2093, 35.8193,
21.5956

■ 36.8513, 39.2725,
34.6197

■ 31.6991, 34.2574,
16.5965

■ 39.0020, 41.1717,
42.7428

■ 30.3825, 32.7994,
12.5341

■ 41.3842, 43.1909,
52.0000

■ 29.2476, 31.4405,
9.3480

■ 44.0059, 45.3334,
62.4332

■ 28.2817, 30.1753,
6.9707

■ 46.8748, 47.6027,
74.0823

■ 27.4698, 28.9976,
5.3248

■ 49.9981, 50.0017,
86.9851

■ 26.7943, 27.9002,
4.3177

■ 53.3829, 52.5335,
101.1778

■ 26.3821, 27.1811,
3.8560

■ 54.2811, 54.0991,
102.1890

■ 55.0529, 55.6428,
102.4463

Harmonies

Analogous

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



37.6685, 37.4880, 28.3526



34.9224, 37.4880, 27.5856



32.4926, 37.4880, 29.9859

Triad

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



34.9224, 37.4880, 27.5856



31.6153, 37.4880, 50.8035



40.7490, 37.4880, 46.8169

Complementary

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



34.9224, 37.4880, 27.5856



26.7405, 27.0528, 43.3478

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.



38.9657, 37.4880, 53.9876



34.9224, 37.4880, 27.5856



33.6687, 37.4880, 56.4876

Square

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



34.9224, 37.4880, 27.5856



30.6482, 37.4880, 42.8960



36.3496, 37.4880, 57.7221



41.1270, 37.4880, 38.8084

Rectangle

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



34.9224, 37.4880, 27.5856



31.3464, 37.4880, 33.2664



36.3496, 37.4880, 57.7221



40.2898, 37.4880, 49.4339

Sweetspot

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



34.9234, 37.4897, 27.5864



68.2602, 72.3497, 70.4891



30.4292, 27.5829, 28.9200



14.7868, 15.6813, 15.1384



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.



34.9234, 37.4897, 27.5864



60.8512, 65.5114, 43.4192



33.8755, 39.1580, 27.9636



8.5246, 9.0541, 8.5117



19.4222, 20.0499, 2.8464



0.5744, 0.6260, 0.0906

Inverse Universe

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



26.7405, 27.0528, 43.3478



43.4824, 43.3615, 76.8836



27.6079, 25.8124, 43.0626



7.7038, 8.0069, 10.0921



6.0075, 3.1489, 29.3357



0.2040, 0.1613, 0.8284

Previews

White Background



This preview shows how the XYZ color 34.9224, 37.4880, 27.5856 looks on a white background.

Color Contrast Check

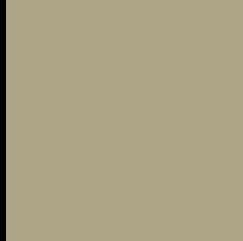
Large Text (above 18pt) WCAG AA × Fail

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 34.9224, 37.4880, 27.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

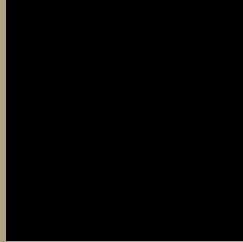
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9224, 37.4880, 27.5856

Background



This preview shows how black text looks on a background with the XYZ color 34.9224, 37.4880, 27.5856.



This preview shows how white text looks on a background with the XYZ color 34.9224, 37.4880,

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

34.9224, 37.4880, 27.5856

Protanopia

35.1883, 37.3583, 27.5466

Deuteranopia

38.0158, 37.2513, 27.7408



Tritanopia

38.3773, 37.5851, 44.2617

Trichromacy



Original Color

34.9224, 37.4880, 27.5856

Protanomaly

34.9647, 37.2430, 27.5361

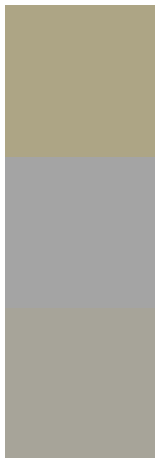
Deuteranomaly

36.8151, 37.4013, 27.8331

Tritanomaly

36.9964, 37.5394, 37.6437

Monochromacy



Original Color

34.9224, 37.4880, 27.5856

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9616, 37.0663, 35.4488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9224, 37.4880, 27.5856 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(173, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 133)  
}
```

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(173, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 133) }
```

Border

The CSS property to change the border of an element to XYZ 34.9224, 37.4880, 27.5856 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(173, 165, 133) }
```


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

```
.border{ border-color:rgb(173, 165, 133) }
```

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

Here you see how a box with a 4 pixel rgb(173, 165, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9224, 37.4880, 27.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 133) }
```

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

```
.background{ background-color: rgb(173,  
165, 133) }
```

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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