

Converting Colors

XYZ(37.2518, 39.3458, 33.7487)

Have a look what the booklet for
XYZ(37.2518, 39.3458, 33.7487)
contains.

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Color

**XYZ(37.2524, 39.3735,
33.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A894
RGB	176, 168, 148
RGB Percent	69%, 66%, 58%
CMY	0.3098, 0.3412, 0.4196
CMYK	0.00, 0.05, 0.16, 0.31
HSL	43°, 15%, 64%
HSV	43°, 16%, 69%
XYZ	37.2524, 39.3735, 33.6534
YIQ	168.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

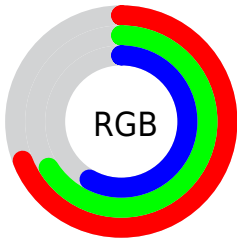
Format	Color
RYB	159, 176, 148
Decimal	11577492
CIELab	69.02, -0.56, 11.36
CIELCh	69, 11.378, 92.815
Yxy	39.3735, 0.3378, 0.3570
Android (android.graphics.Color)	4289767572 (0xFFB0A894)
YUV	168.1120, -9.9152, 6.9178
Hunter-Lab	62.7483, -3.8377, 12.1252

Details

The XYZ color **37.2524, 39.3735, 33.6534** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9375, 33.2066, 45.8008**, and the grayscale version is **37.3186, 39.2621, 42.7564**.

A 20% lighter version of the original color is **70.3271, 74.1954, 66.4916**, and **16.5714, 17.5648, 13.8262** is the 20% darker color. If you saturate the color by 10%, you get **35.0542, 37.0394, 26.5623**, and if you desaturate by 10%, it is **39.7005, 41.8676, 41.8738**.

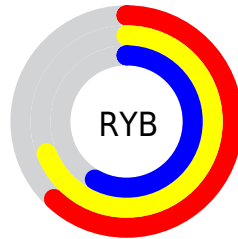
Distribution



Red (69%)

Green (66%)

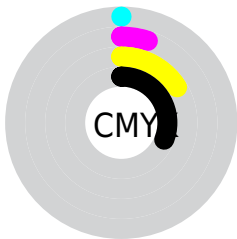
Blue (58%)



Red (62%)

Yellow (69%)

Blue (58%)

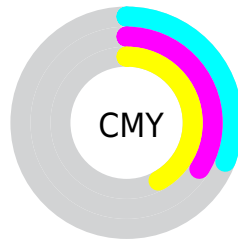


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2524, 39.3735, 33.6534 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 37.2524, 39.3735, 33.6534 by changing the saturation by 10% instead.

■ 37.2524, 39.3735,
33.6534

■ 37.2524, 39.3735,
33.6534

325.7386,
343.4758, 333.3057

■ 25.5775, 27.0504,
22.3523

■ 70.2721, 74.2086,
66.5220

■ 16.6389, 17.6111,
13.9152

■ 92.3477, 97.4893,
88.9266

■ 10.0711, 10.6711,
7.9236

118.6209,
125.1914, 115.8694

■ 5.5087, 5.8462,
3.9590

149.4571,
157.6992, 147.7690

■ 2.5865, 2.7518,
1.6029

185.2216,
195.3972, 185.0438

■ 0.9391, 1.0035,
0.2929

226.2797,

■ 0.0000, 0.0000,

238.6697, 228.1125

0.0000

272.9970,
287.9011, 277.3936

■ 37.2524, 39.3735,
33.6534

■ 37.2524, 39.3735,
33.6534

■ 35.0542, 37.0394,
26.5623

■ 39.7005, 41.8676,
41.8738

■ 33.0927, 34.8553,
20.5478

■ 42.4045, 44.5209,
51.2682

■ 31.3584, 32.8183,
15.5563

■ 45.3745, 47.3391,
61.8818

■ 29.8397, 30.9229,
11.5290

■ 48.6187, 50.3263,
73.7569

■ 28.5237, 29.1634,
8.4009

■ 52.1450, 53.4862,
86.9336

■ 27.3963, 27.5334,
6.0989

■ 55.9613, 56.8225,
101.4501

■ 26.4410, 26.0256,
4.5383

■ 57.3549, 59.2508,
103.0214

■ 25.6365, 24.6309,
3.6098

■ 58.5627, 61.6663,
103.4239

■ 25.3321, 24.0851,
3.3137

■ 59.8093, 64.1595,
103.8395

Harmonies

Analogous

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



39.0385, 39.3735, 34.5901



37.2524, 39.3735, 33.6534



35.5659, 39.3735, 35.0167

Triad

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



37.2524, 39.3735, 33.6534



34.5697, 39.3735, 48.5117



40.6104, 39.3735, 47.5954

Complementary

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



37.2524, 39.3735, 33.6534



31.9375, 33.2066, 45.8008

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.



39.3443, 39.3735, 51.8199



37.2524, 39.3735, 33.6534



35.8533, 39.3735, 52.3782

Square

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



37.2524, 39.3735, 33.6534



34.0487, 39.3735, 43.3632



37.5948, 39.3735, 53.6346



41.0139, 39.3735, 42.3826

Rectangle

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



37.2524, 39.3735, 33.6534



34.7145, 39.3735, 37.1162



37.5948, 39.3735, 53.6346



40.2696, 39.3735, 49.1919

Sweetspot

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



37.2535, 39.3752, 33.6542



72.3881, 76.3177, 77.2624



34.5295, 32.8243, 36.1467



15.6180, 16.4698, 16.5056



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.



37.2535, 39.3752, 33.6542



66.1497, 69.9312, 56.4075



37.5351, 41.7798, 34.1035



8.9879, 9.4883, 9.0102



18.6383, 17.7751, 2.4486



0.6332, 0.6528, 0.0926

Inverse Universe

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



31.9375, 33.2066, 45.8008



54.7106, 56.6583, 82.5479



31.6773, 31.1458, 45.4167



8.2331, 8.6123, 10.7347



6.6391, 4.0785, 30.5743



0.2600, 0.2304, 0.9790

Previews

White Background



This preview shows how the XYZ color 37.2524, 39.3735, 33.6534 looks on a white background.

Color Contrast Check

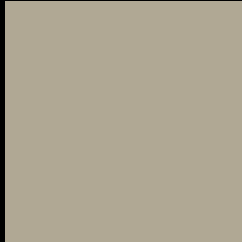
Large Text (above 18pt) WCAG AA × Fail

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 37.2524, 39.3735, 33.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

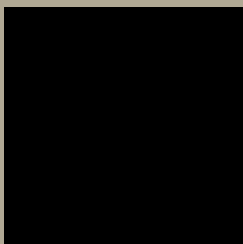
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

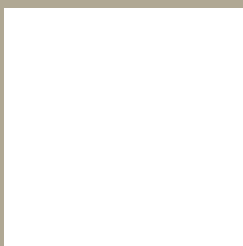
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2524, 39.3735, 33.6534

Background



This preview shows how black text looks on a background with the XYZ color 37.2524, 39.3735, 33.6534.



This preview shows how white text looks on a background with the XYZ color 37.2524, 39.3735,

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

37.2524, 39.3735, 33.6534

Protanopia

37.2524, 39.3735, 33.6534

Deuteranopia

40.0834, 39.2171, 33.8908



Tritanopia

40.0337, 39.4285, 47.0954

Trichromacy



Original Color

37.2524, 39.3735, 33.6534

Protanomaly

37.2524, 39.3735, 33.6534

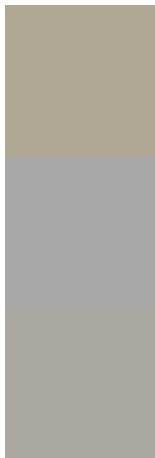
Deuteranomaly

38.9500, 39.1599, 33.9395

Tritanomaly

38.9285, 39.2471, 41.6001

Monochromacy



Original Color

37.2524, 39.3735, 33.6534

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2302, 39.2364, 39.3294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2524, 39.3735, 33.6534 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, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 148)  
}
```

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, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.2524, 39.3735, 33.6534 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, 168, 148) }
```


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

```
.border{ border-color:rgb(176, 168, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 168, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 168,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2524, 39.3735, 33.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 148) }
```

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

```
.background{ background-color: rgb(176,  
168, 148) }
```

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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