

Converting Colors

XYZ(36.5379, 37.3805, 37.0574)

Have a look what the booklet for
XYZ(36.5379, 37.3805, 37.0574)
contains.

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Color

**XYZ(36.4617, 37.2737,
37.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA29D
RGB	174, 162, 157
RGB Percent	68%, 64%, 62%
CMY	0.3176, 0.3647, 0.3843
CMYK	0.00, 0.07, 0.10, 0.32
HSL	18°, 9%, 65%
HSV	18°, 10%, 68%
XYZ	36.4617, 37.2737, 37.1711
YIQ	165.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

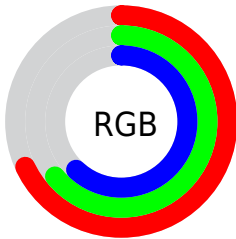
Format	Color
RYB	174, 164, 157
Decimal	11444893
CIELab	67.48, 3.47, 4.15
CIElCh	67, 5.411, 50.146
Yxy	37.2737, 0.3288, 0.3361
Android (android.graphics.Color)	4289634973 (0xFFAEA29D)
YUV	165.0180, -3.9529, 7.8772
Hunter-Lab	61.0522, -0.2372, 6.6383

Details

The XYZ color **36.4617, 37.2737, 37.1711** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7324, 38.5992, 45.6119**, and the grayscale version is **35.7891, 37.6529, 41.0040**.

A 20% lighter version of the original color is **69.3296, 71.2022, 72.3767**, and **16.2035, 16.3300, 15.9337** is the 20% darker color. If you saturate the color by 10%, you get **33.0226, 32.6056, 29.2101**, and if you desaturate by 10%, it is **40.3257, 42.4521, 46.3185**.

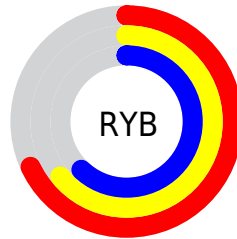
Distribution



Red (68%)

Green (64%)

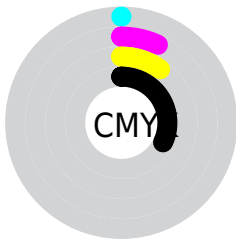
Blue (62%)



Red (68%)

Yellow (64%)

Blue (62%)

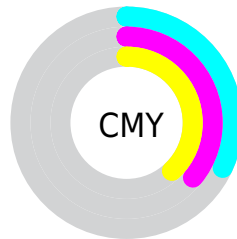


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (32%)



Cyan (32%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4617, 37.2737, 37.1711 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 36.4617, 37.2737, 37.1711 by changing the saturation by 10% instead.


 36.4617, 37.2737,
37.1711


 36.4617, 37.2737,
37.1711

322.3702,
334.4940, 349.2417

 24.9627, 25.4195,
25.0432


 69.0633, 70.9935,
72.0251

 16.1779, 16.3899,
15.8899


 90.8967, 93.6279,
95.5883

 9.7418, 9.8004,
9.2928


116.9056,
120.6245, 123.8003

 5.2890, 5.2668,
4.8332

147.4553,
152.3677, 157.0797

 2.4543, 2.4047,
2.0927

182.9113,
189.2418, 195.8450

 0.8723, 0.8283,
0.6114

223.6389,

 0.0000, 0.0000,

231.6313, 240.5147

0.0000

270.0034,
279.9206, 291.5074

■ 36.4617, 37.2737,
37.1711

■ 36.4617, 37.2737,
37.1711

■ 33.0226, 32.6056,
29.2101

■ 40.3257, 42.4521,
46.3185

■ 29.9903, 28.4274,
22.3841

■ 44.6257, 48.1509,
56.6959

■ 27.3502, 24.7243,
16.6418

■ 49.3762, 54.3860,
68.3476

■ 25.0852, 21.4789,
11.9267

■ 54.5900, 61.1711,
81.3150

■ 23.1771, 18.6727,
8.1771

■ 60.2795, 68.5194,
95.6377

■ 21.6061, 16.2860,
5.3250

■ 65.4086, 76.0244,
105.8345

■ 20.3501, 14.2973,
3.2929

■ 69.0599, 83.3271,
107.0516

■ 19.3839, 12.6830,
1.9902

■ 71.2657, 87.7388,
107.7869

■ 18.6634, 11.4107,
1.2303

Harmonies

Analogous

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



36.9494, 37.2737, 39.0285



36.4617, 37.2737, 37.1711



35.7018, 37.2737, 36.2397

Triad

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



36.4617, 37.2737, 37.1711



33.8760, 37.2737, 39.8064



35.9809, 37.2737, 45.0356

Complementary

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



36.4617, 37.2737, 37.1711



35.7324, 38.5992, 45.6119

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.



35.1547, 37.2737, 45.2638



36.4617, 37.2737, 37.1711



33.9481, 37.2737, 42.1818

Square

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



36.4617, 37.2737, 37.1711



34.2146, 37.2737, 37.7214



34.4131, 37.2737, 44.2012



36.6688, 37.2737, 43.5894

Rectangle

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



36.4617, 37.2737, 37.1711



35.1467, 37.2737, 36.2435



34.4131, 37.2737, 44.2012



35.7098, 37.2737, 45.2595

Sweetspot

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



36.4627, 37.2753, 37.1719



70.7597, 73.8174, 78.3272



36.6916, 35.9846, 42.6387



15.6009, 16.2379, 17.1095



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.



36.4627, 37.2753, 37.1719



64.5454, 65.4605, 63.7030



37.9759, 40.3017, 37.6763



8.1902, 8.3852, 8.4002



13.5718, 8.3491, 0.8962



0.4255, 0.3282, 0.0409

Inverse Universe

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



35.7324, 38.5992, 45.6119



62.9163, 68.4125, 82.5258



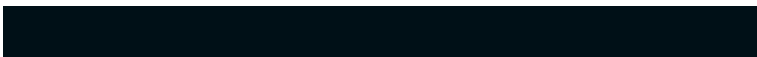
34.2347, 35.6038, 45.1126



8.0343, 8.6679, 10.2023



10.7129, 12.5597, 30.9041



0.3424, 0.4381, 0.8745

Previews

White Background



This preview shows how the XYZ color 36.4617, 37.2737, 37.1711 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 36.4617, 37.2737, 37.1711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

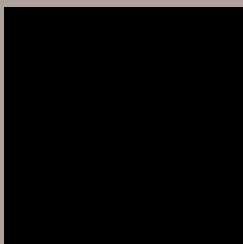
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

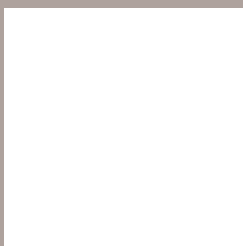
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4617, 37.2737, 37.1711

Background



This preview shows how black text looks on a background with the XYZ color 36.4617, 37.2737, 37.1711.



This preview shows how white text looks on a background with the XYZ color 36.4617, 37.2737,

37.1711.

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

36.4617, 37.2737, 37.1711

Protanopia

35.8092, 37.4546, 37.6899

Deuteranopia

38.0981, 37.3322, 37.5456



Tritanopia

37.9217, 37.3503, 44.2404

Trichromacy



Original Color

36.4617, 37.2737, 37.1711

Protanomaly

36.0633, 37.3209, 37.6507

Deuteranomaly

37.5648, 37.3135, 37.5701

Tritanomaly

37.3991, 37.3937, 41.8058

Monochromacy



Original Color

36.4617, 37.2737, 37.1711

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9455, 37.4844, 39.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4617, 37.2737, 37.1711 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(174, 162, 157) looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 157)  
}
```

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(174, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.4617, 37.2737, 37.1711 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(174, 162, 157) }
```


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

```
.border{ border-color:rgb(174, 162, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4617, 37.2737, 37.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 157) }
```

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

```
.background{ background-color: rgb(174,  
162, 157) }
```

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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