

Converting Colors

XYZ(36.2115, 37.5710, 35.9159)

Have a look what the booklet for
XYZ(36.2115, 37.5710, 35.9159)
contains.

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Color

**XYZ(36.3418, 37.7682,
35.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA49A
RGB	173, 164, 154
RGB Percent	68%, 64%, 60%
CMY	0.3216, 0.3568, 0.3961
CMYK	0.00, 0.05, 0.11, 0.32
HSL	32°, 10%, 64%
HSV	32°, 11%, 68%
XYZ	36.3418, 37.7682, 35.9464
YIQ	165.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

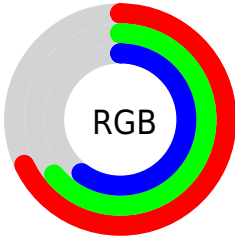
Format	Color
RYB	171, 173, 154
Decimal	11379866
CIELab	67.85, 1.48, 6.34
CIELCh	68, 6.512, 76.819
Yxy	37.7682, 0.3302, 0.3432
Android (android.graphics.Color)	4289569946 (0xFFADA49A)
YUV	165.5510, -5.6946, 6.5328
Hunter-Lab	61.4558, -1.9921, 8.3395

Details

The XYZ color **36.3418, 37.7682, 35.9464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9665, 36.0811, 44.7098**, and the grayscale version is **36.0534, 37.9310, 41.3069**.

A 20% lighter version of the original color is **68.7116, 71.7111, 69.8946**, and **16.1275, 16.6326, 15.1924** is the 20% darker color. If you saturate the color by 10%, you get **33.5847, 34.3958, 28.4236**, and if you desaturate by 10%, it is **39.4032, 41.4159, 44.5961**.

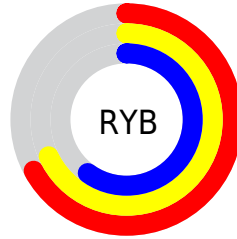
Distribution



Red (68%)

Green (64%)

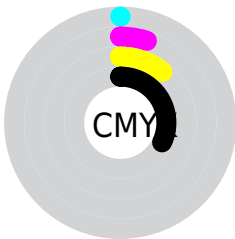
Blue (60%)



Red (67%)

Yellow (68%)

Blue (60%)

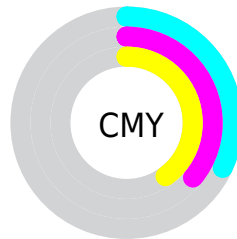


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3418, 37.7682, 35.9464 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 36.3418, 37.7682, 35.9464 by changing the saturation by 10% instead.

■ 36.3418, 37.7682,
35.9464

■ 36.3418, 37.7682,
35.9464

321.8573,
336.6246, 343.7565

■ 24.8696, 25.8028,
24.1034

■ 68.8797, 71.7527,
70.1174

■ 16.1082, 16.6762,
15.1975

■ 90.6762, 94.5406,
93.2826

■ 9.6921, 10.0039,
8.8099

116.6448,
121.7049, 121.0589

■ 5.2560, 5.4015,
4.5223

147.1509,
153.6298, 153.8649

■ 2.4345, 2.4847,
1.9160

182.5598,
190.6999, 192.1191

■ 0.8623, 0.8690,
0.5029

223.2370,

■ 0.0000, 0.0000,

233.2994, 236.2401

0.0000

269.5477,
281.8128, 286.6464

■ 36.3418, 37.7682,
35.9464

■ 36.3418, 37.7682,
35.9464

■ 33.5847, 34.3958,
28.4236

■ 39.4032, 41.4159,
44.5961

■ 31.1181, 31.2866,
21.9781

■ 42.7757, 45.3407,
54.4147

■ 28.9318, 28.4350,
16.5603

■ 46.4699, 49.5507,
65.4448

■ 27.0136, 25.8330,
12.1154

■ 50.4950, 54.0522,
77.7264

■ 25.3504, 23.4723,
8.5838

■ 54.8595, 58.8512,
91.2974

■ 23.9277, 21.3440,
5.8990

■ 59.1175, 63.7718,
103.8011

■ 22.7292, 19.4381,
3.9855

■ 61.2325, 68.0017,
104.5061

■ 21.7359, 17.7436,
2.7539

■ 63.4531, 72.4429,
105.2463

■ 20.9817, 16.3802,
2.0558

■ 65.7807, 77.0982,
106.0222

Harmonies

Analogous

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



37.2417, 37.7682, 37.2027



36.3418, 37.7682, 35.9464



35.3390, 37.7682, 36.0300

Triad

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



36.3418, 37.7682, 35.9464



34.0721, 37.7682, 42.7521



37.3311, 37.7682, 45.0442

Complementary

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



36.3418, 37.7682, 35.9464



33.9665, 36.0811, 44.7098

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.



36.4619, 37.7682, 46.6750



36.3418, 37.7682, 35.9464



34.5861, 37.7682, 45.3098

Square

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



36.3418, 37.7682, 35.9464



34.0413, 37.7682, 39.8690



35.4569, 37.7682, 46.7745



37.8201, 37.7682, 42.4033

Rectangle

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



36.3418, 37.7682, 35.9464



34.7472, 37.7682, 36.8331



35.4569, 37.7682, 46.7745



37.0730, 37.7682, 45.7340

Sweetspot

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



36.3428, 37.7699, 35.9472



69.3886, 72.7809, 76.4931



35.4170, 34.6469, 39.5579



14.9830, 15.7025, 16.3483



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.



36.3428, 37.7699, 35.9472



63.9323, 66.2449, 61.1820



37.9405, 41.0690, 36.4998



8.3411, 8.6870, 8.4505



15.4716, 12.1487, 1.5295



0.4847, 0.4465, 0.0606

Inverse Universe

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



33.9665, 36.0811, 44.7098



58.8842, 62.6575, 79.7963



32.4857, 33.0300, 44.1990



7.8799, 8.3592, 10.1509



7.8100, 6.7539, 29.9365



0.2723, 0.2980, 0.8511

Previews

White Background



This preview shows how the XYZ color 36.3418, 37.7682, 35.9464 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 36.3418, 37.7682, 35.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

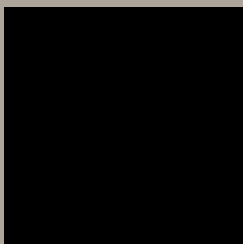
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

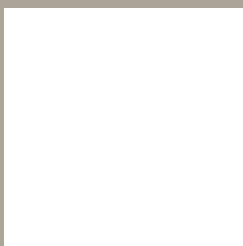
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3418, 37.7682, 35.9464

Background



This preview shows how black text looks on a background with the XYZ color 36.3418, 37.7682, 35.9464.



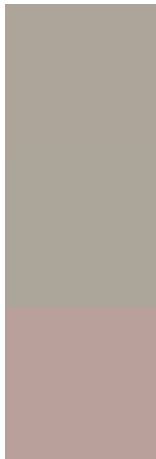
This preview shows how white text looks on a background with the XYZ color 36.3418, 37.7682,

35.9464.

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

36.3418, 37.7682, 35.9464

Protanopia

36.0825, 37.9013, 35.9858

Deuteranopia

38.4948, 37.8225, 36.2819



Tritanopia

38.2893, 37.7758, 45.3178

Trichromacy



Original Color

36.3418, 37.7682, 35.9464

Protanomaly

36.3011, 38.0140, 35.9960

Deuteranomaly

37.7173, 37.6801, 36.2954

Tritanomaly

37.5746, 37.7446, 41.8643

Monochromacy



Original Color

36.3418, 37.7682, 35.9464

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3389, 37.9539, 39.5930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3418, 37.7682, 35.9464 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, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 154)  
}
```

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, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.3418, 37.7682, 35.9464 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, 164, 154) }
```


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

```
.border{ border-color:rgb(173, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3418, 37.7682, 35.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 154) }
```

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

```
.background{ background-color: rgb(173,  
164, 154) }
```

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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