

Converting Colors

XYZ(36.3327, 37.4783, 36.7759)

Have a look what the booklet for
XYZ(36.3327, 37.4783, 36.7759)
contains.

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Color

**XYZ(36.3315, 37.4789,
36.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA39C
RGB	173, 163, 156
RGB Percent	68%, 64%, 61%
CMY	0.3216, 0.3608, 0.3882
CMYK	0.00, 0.06, 0.10, 0.32
HSL	25°, 9%, 65%
HSV	25°, 10%, 68%
XYZ	36.3315, 37.4789, 36.7718
YIQ	165.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

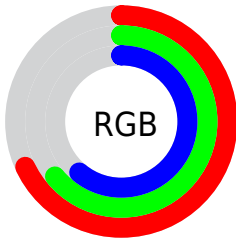
Format	Color
RYB	173, 168, 156
Decimal	11379612
CIELab	67.63, 2.38, 4.92
CIELCh	68, 5.464, 64.226
Yxy	37.4789, 0.3285, 0.3389
Android (android.graphics.Color)	4289569692 (0xFFADA39C)
YUV	165.1920, -4.5317, 6.8476
Hunter-Lab	61.2200, -1.2028, 7.2415

Details

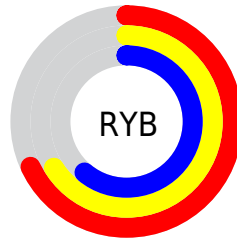
The XYZ color **36.3315, 37.4789, 36.7718** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8893, 37.3568, 44.9072**, and the grayscale version is **35.8755, 37.7438, 41.1030**.

A 20% lighter version of the original color is **68.6992, 71.2899, 71.1123**, and **16.1194, 16.4537, 15.6909** is the 20% darker color. If you saturate the color by 10%, you get **33.2357, 33.4668, 29.0198**, and if you desaturate by 10%, it is **39.7834, 41.8684, 45.6728**.

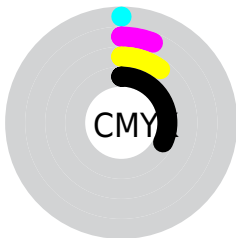
Distribution



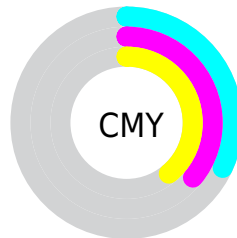
- Red (68%)
- Green (64%)
- Blue (61%)



- Red (68%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (32%)



- Cyan (32%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3315, 37.4789, 36.7718 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 36.3315, 37.4789, 36.7718 by changing the saturation by 10% instead.

■ 36.3315, 37.4789,
36.7718

■ 36.3315, 37.4789,
36.7718

321.8132,
335.3793, 347.4604

■ 24.8616, 25.5785,
24.7365

■ 68.8640, 71.3087,
71.4041

■ 16.1022, 16.5086,
15.6636

■ 90.6572, 94.0069,
94.8381

■ 9.6878, 9.8847,
9.1346

116.6224,
121.0732, 122.9087

■ 5.2531, 5.3226,
4.7311

147.1247,
152.8919, 156.0345

■ 2.4328, 2.4378,
2.0344

182.5296,
189.8475, 194.6341

■ 0.8615, 0.8452,
0.5763

223.2024,

■ 0.0000, 0.0000,

232.3243, 239.1259

0.0000

269.5085,
280.7068, 289.9285

■ 36.3315, 37.4789,
36.7718

■ 36.3315, 37.4789,
36.7718

■ 33.2357, 33.4668,
29.0198

■ 39.7834, 41.8684,
45.6728

■ 30.4807, 29.8170,
22.3672

■ 43.5998, 46.6402,
55.7651

■ 28.0547, 26.5201,
16.7639

■ 47.7928, 51.8056,
67.0915

■ 25.9437, 23.5648,
12.1553

■ 52.3728, 57.3735,
79.6923

■ 24.1329, 20.9390,
8.4818

■ 57.3500, 63.3530,
93.6056

■ 22.6060, 18.6299,
5.6770

■ 61.9512, 69.4392,
104.7457

■ 21.3447, 16.6233,
3.6660

■ 64.7684, 75.0737,
105.6847

■ 20.3282, 14.9038,
2.3606

■ 67.7520, 81.0409,
106.6793

■ 19.5170, 13.4482,
1.5757

■ 70.9047, 87.3462,
107.7302

Harmonies

Analogous

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



36.9786, 37.4789, 38.2542



36.3315, 37.4789, 36.7718



35.5033, 37.4789, 36.3546

Triad

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



36.3315, 37.4789, 36.7718



34.0316, 37.4789, 41.1510



36.5414, 37.4789, 44.7650

Complementary

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



36.3315, 37.4789, 36.7718



34.8893, 37.3568, 44.9072

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.



35.7421, 37.4789, 45.6113



36.3315, 37.4789, 36.7718



34.3001, 37.4789, 43.4733

Square

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



36.3315, 37.4789, 36.7718



34.1838, 37.4789, 38.8242



34.9229, 37.4789, 45.1296



37.1011, 37.4789, 42.8586

Rectangle

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



36.3315, 37.4789, 36.7718



34.9621, 37.4789, 36.7224



34.9229, 37.4789, 45.1296



36.2913, 37.4789, 45.1862

Sweetspot

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



36.3325, 37.4805, 36.7726



69.1852, 72.3742, 76.4253



36.0238, 35.4222, 41.1116



14.9277, 15.5918, 16.3299



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.



36.3325, 37.4805, 36.7726



63.6907, 65.3520, 62.3647



37.8544, 40.5242, 37.2799



8.2661, 8.5370, 8.4255



14.3821, 9.9697, 1.1663



0.4548, 0.3868, 0.0507

Inverse Universe

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



34.8893, 37.3568, 44.9072



60.5302, 65.0808, 80.1773



33.4294, 34.4371, 44.4206



7.9555, 8.5104, 10.1761



9.0699, 9.2737, 30.3565



0.3045, 0.3623, 0.8619

Previews

White Background



This preview shows how the XYZ color 36.3315, 37.4789, 36.7718 looks on a white background.

Color Contrast Check

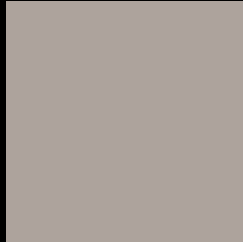
Large Text (above 18pt) WCAG AA × Fail

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 36.3315, 37.4789, 36.7718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

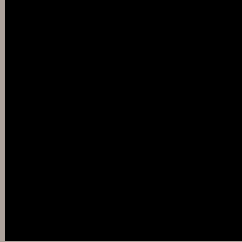
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3315, 37.4789, 36.7718

Background



This preview shows how black text looks on a background with the XYZ color 36.3315, 37.4789, 36.7718.

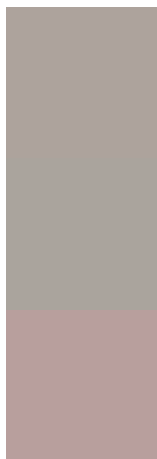


This preview shows how white text looks on a background with the XYZ color 36.3315, 37.4789,

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

36.3315, 37.4789, 36.7718

Protanopia

35.9388, 37.5313, 37.2484

Deuteranopia

38.2511, 37.4209, 37.1052



Tritanopia

37.7928, 37.2727, 44.7376

Trichromacy



Original Color

36.3315, 37.4789, 36.7718

Protanomaly

36.1558, 37.6432, 37.2585

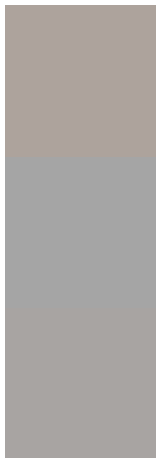
Deuteranomaly

37.4790, 37.2792, 37.1185

Tritanomaly

37.1755, 37.2784, 41.7953

Monochromacy



Original Color

36.3315, 37.4789, 36.7718

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 36.3315, 37.4789, 36.7718 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, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 156)  
}
```

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, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.3315, 37.4789, 36.7718 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, 163, 156) }
```


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

```
.border{ border-color:rgb(173, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3315, 37.4789, 36.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 156) }
```

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

```
.background{ background-color: rgb(173,  
163, 156) }
```

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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