

Converting Colors

XYZ(36.0954, 39.2868, 35.8174)

Have a look what the booklet for
XYZ(36.0954, 39.2868, 35.8174)
contains.

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Color

**XYZ(36.0608, 39.2648,
35.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AA99
RGB	167, 170, 153
RGB Percent	65%, 67%, 60%
CMY	0.3451, 0.3333, 0.4000
CMYK	0.02, 0.00, 0.10, 0.33
HSL	71°, 9%, 63%
HSV	71°, 10%, 67%
XYZ	36.0608, 39.2648, 35.8153
YIQ	167.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

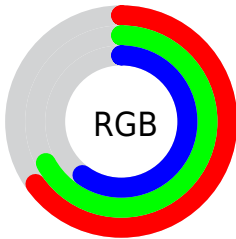
Format	Color
RYB	153, 170, 156
Decimal	10988185
CIELab	68.94, -4.17, 8.39
CIELCh	69, 9.370, 116.392
Yxy	39.2648, 0.3245, 0.3533
Android (android.graphics.Color)	4289178265 (0xFFA7AA99)
YUV	167.1650, -6.9833, -0.1447
Hunter-Lab	62.6616, -6.9339, 9.9750

Details

The XYZ color **36.0608, 39.2648, 35.8153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3588, 32.7538, 42.6489**, and the grayscale version is **36.8436, 38.7623, 42.2122**.

A 20% lighter version of the original color is **68.3119, 73.8850, 69.6923**, and **15.9469, 17.5610, 15.1195** is the 20% darker color. If you saturate the color by 10%, you get **34.1288, 38.4209, 28.9101**, and if you desaturate by 10%, it is **38.2097, 40.1998, 43.7766**.

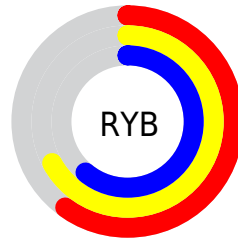
Distribution



Red (65%)

Green (67%)

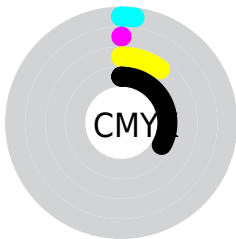
Blue (60%)



Red (60%)

Yellow (67%)

Blue (61%)

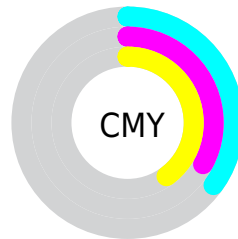


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0608, 39.2648, 35.8153 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 36.0608, 39.2648, 35.8153 by changing the saturation by 10% instead.

■ 36.0608, 39.2648,
35.8153

■ 36.0608, 39.2648,
35.8153

320.6528,
343.0150, 343.1655

■ 24.6515, 26.9658,
24.0030

■ 68.4492, 74.0427,
69.9127

■ 15.9449, 17.5475,
15.1236

■ 90.1589, 97.2903,
93.0349

■ 9.5758, 10.6256,
8.7586

116.0328,
124.9563, 120.7642

■ 5.1787, 5.8157,
4.4894

146.4363,
157.4250, 153.5191

■ 2.3883, 2.7333,
1.8975

181.7347,
195.0808, 191.7181

■ 0.8393, 0.9942,
0.4911

222.2933,

■ 0.0000, 0.0000,

238.3082, 235.7799

0.0000

268.4776,
287.4914, 286.1228

■ 36.0608, 39.2648,
35.8153

■ 36.0608, 39.2648,
35.8153

■ 34.1288, 38.4209,
28.9101

■ 38.2097, 40.1998,
43.7766

■ 32.4021, 37.6594,
23.0142

■ 40.5805, 41.2240,
52.8332

■ 30.8726, 36.9785,
18.0808

■ 43.1816, 42.3420,
63.0253

■ 29.5305, 36.3743,
14.0588

■ 46.0205, 43.5569,
74.3906

■ 28.3650, 35.8423,
10.8920

■ 49.1038, 44.8713,
86.9646

■ 27.3642, 35.3779,
8.5182

■ 52.4377, 46.2877,
100.7784

■ 26.5145, 34.9756,
6.8668

■ 53.1700, 46.6652,
100.8127

■ 25.8002, 34.6290,
5.8545

■ 53.9177, 47.0506,
100.8477

■ 25.1862, 34.3241,
5.2978

■ 54.6809, 47.4441,
100.8834

Harmonies

Analogous

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



37.5006, 39.2648, 35.0749



36.0608, 39.2648, 35.8153



34.9842, 39.2648, 38.3696

Triad

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



36.0608, 39.2648, 35.8153



35.7564, 39.2648, 49.9576



40.2533, 39.2648, 43.2711

Complementary

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



36.0608, 39.2648, 35.8153



32.3588, 32.7538, 42.6489

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.



39.7576, 39.2648, 47.4574



36.0608, 39.2648, 35.8153



37.1400, 39.2648, 51.4764

Square

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



36.0608, 39.2648, 35.8153



34.8118, 39.2648, 46.5050



38.6082, 39.2648, 50.5326



39.9459, 39.2648, 39.2078

Rectangle

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



36.0608, 39.2648, 35.8153



34.6039, 39.2648, 40.8510



38.6082, 39.2648, 50.5326



40.1747, 39.2648, 44.7125

Sweetspot

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



36.0619, 39.2665, 35.8161



68.0919, 72.4003, 74.8069



34.1892, 34.5681, 35.0080



15.1146, 16.1151, 16.4210



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.



36.0619, 39.2665, 35.8161



64.6167, 70.8877, 62.0420



34.3579, 38.3881, 35.7364



8.0149, 8.7058, 8.0472



18.5683, 25.2695, 3.8989



0.4848, 0.6318, 0.0964

Inverse Universe

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



32.3588, 32.7538, 42.6489



56.5319, 56.6682, 76.9604



34.0270, 33.6137, 42.7269



7.2508, 7.3619, 9.4572



5.7666, 2.3562, 28.1264



0.1750, 0.0752, 0.6859

Previews

White Background



This preview shows how the XYZ color 36.0608, 39.2648, 35.8153 looks on a white background.

Color Contrast Check

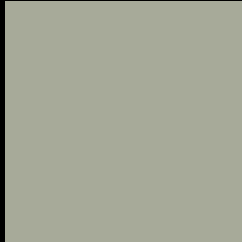
Large Text (above 18pt) WCAG AA × Fail

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 36.0608, 39.2648, 35.8153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

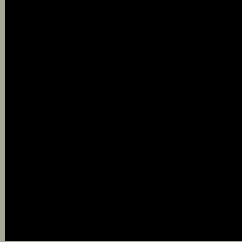
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0608, 39.2648, 35.8153

Background



This preview shows how black text looks on a background with the XYZ color 36.0608, 39.2648, 35.8153.



This preview shows how white text looks on a background with the XYZ color 36.0608, 39.2648,

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

36.0608, 39.2648, 35.8153

Protanopia

37.3493, 39.3862, 35.3395

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

38.5675, 39.1850, 48.1786

Trichromacy



Original Color

36.0608, 39.2648, 35.8153

Protanomaly

36.8687, 39.4136, 35.3702

Deuteranomaly

38.3439, 39.0671, 36.0916

Tritanomaly

37.6520, 39.0858, 43.5900

Monochromacy



Original Color

36.0608, 39.2648, 35.8153

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4606, 38.8294, 39.7556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0608, 39.2648, 35.8153 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(167, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 153)  
}
```

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(167, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.0608, 39.2648, 35.8153 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(167, 170, 153) }
```


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

```
.border{ border-color:rgb(167, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(167, 170,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0608, 39.2648, 35.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 153) }
```

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

```
.background{ background-color: rgb(167,  
170, 153) }
```

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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