

Converting Colors

XYZ(36.3506, 36.1873, 39.5286)

Have a look what the booklet for
XYZ(36.3506, 36.1873, 39.5286)
contains.

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Color

**XYZ(36.2933, 36.0967,
39.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9EA3
RGB	174, 158, 163
RGB Percent	68%, 62%, 64%
CMY	0.3176, 0.3804, 0.3608
CMYK	0.00, 0.09, 0.06, 0.32
HSL	341°, 9%, 65%
HSV	341°, 9%, 68%
XYZ	36.2933, 36.0967, 39.7048
YIQ	163.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

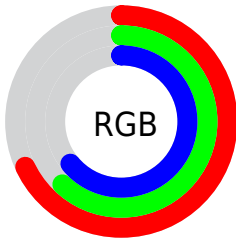
Format	Color
RYB	174, 158, 163
Decimal	11443875
CIELab	66.59, 6.74, -0.48
CIElCh	67, 6.753, 355.895
Yxy	36.0967, 0.3238, 0.3220
Android (android.graphics.Color)	4289633955 (0xFFAE9EA3)
YUV	163.3540, -0.1745, 9.3365
Hunter-Lab	60.0805, 2.6869, 2.8740

Details

The XYZ color **36.2933, 36.0967, 39.7048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3994, 40.4068, 43.4190**, and the grayscale version is **34.9791, 36.8007, 40.0760**.

A 20% lighter version of the original color is **69.0823, 69.4734, 76.0984**, and **16.1530, 15.8007, 17.2374** is the 20% darker color. If you saturate the color by 10%, you get **32.5113, 30.1675, 33.4030**, and if you desaturate by 10%, it is **40.5991, 42.9101, 46.6826**.

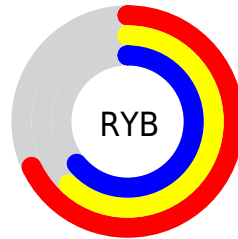
Distribution



Red (68%)

Green (62%)

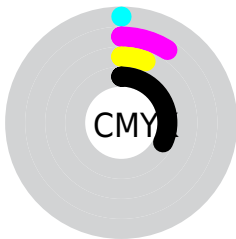
Blue (64%)



Red (68%)

Yellow (62%)

Blue (64%)

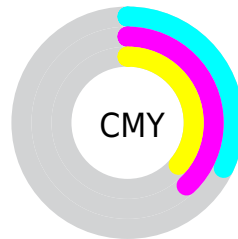


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2933, 36.0967, 39.7048 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 36.2933, 36.0967, 39.7048 by changing the saturation by 10% instead.

■ 36.2933, 36.0967,
39.7048

■ 36.2933, 36.0967,
39.7048

321.6496,
329.3830, 360.3928

■ 24.8320, 24.5089,
26.9964

■ 68.8054, 69.1813,
75.9459

■ 16.0800, 15.7115,
17.3381

■ 90.5870, 91.4469,
100.3158

■ 9.6720, 9.3203,
10.3114

116.5392,
118.0405, 129.4099

■ 5.2426, 4.9507,
5.4976

147.0276,
149.3465, 163.6467

■ 2.4265, 2.2183,
2.4783

182.4175,
185.7494, 203.4449

■ 0.8583, 0.7300,
0.8286

223.0742,

■ 0.0000, 0.0000,

227.6335, 249.2230

0.0000

269.3632,
275.3833, 301.3994

■ 36.2933, 36.0967,
39.7048

■ 36.2933, 36.0967,
39.7048

■ 32.5113, 30.1675,
33.4030

■ 40.5991, 42.9101,
46.6826

■ 29.2295, 25.0815,
27.7541

■ 45.4448, 50.6371,
54.3536

■ 26.4274, 20.8015,
22.7373

■ 50.8496, 59.3117,
62.7375

■ 24.0814, 17.2858,
18.3297

■ 56.8309, 68.9644,
71.8525

■ 22.1663, 14.4885,
14.5068

■ 63.4054, 79.6247,
81.7159

■ 20.6541, 12.3594,
11.2425

■ 68.1809, 86.5048,
91.5420

■ 19.5132, 10.8410,
8.5085

■ 69.9665, 87.2191,
100.9449

■ 18.7070, 9.8666,
6.2732

■ 71.2658, 87.7388,
107.7869

■ 18.1683, 9.3082,
4.4935

Harmonies

Analogous

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



35.9510, 36.0967, 42.5225



36.2933, 36.0967, 39.7048



36.0953, 36.0967, 36.9114

Triad

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



36.2933, 36.0967, 39.7048



33.4632, 36.0967, 34.4846



33.2257, 36.0967, 44.1172

Complementary

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



36.2933, 36.0967, 39.7048



36.3994, 40.4068, 43.4190

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.



32.5823, 36.0967, 41.7960



36.2933, 36.0967, 39.7048



32.7175, 36.0967, 36.2506

Square

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



36.2933, 36.0967, 39.7048



34.4488, 36.0967, 33.9856



32.3981, 36.0967, 38.9043



34.1693, 36.0967, 45.1483

Rectangle

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



36.2933, 36.0967, 39.7048



35.6857, 36.0967, 35.4233



32.3981, 36.0967, 38.9043



32.9679, 36.0967, 43.4565

Sweetspot

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



36.2943, 36.0983, 39.7056



70.5139, 72.8718, 79.6451



36.2160, 35.9390, 45.0731



15.5327, 15.9752, 17.4758



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.



36.2943, 36.0983, 39.7056



64.3858, 63.1994, 69.6368



36.3616, 36.9352, 37.5623



8.1045, 8.0550, 8.8608



13.1737, 6.7320, 3.2940



0.3915, 0.1973, 0.2233

Inverse Universe

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



36.2943, 36.0983, 39.7056



64.3858, 63.1994, 69.6368



36.3173, 39.4772, 45.7507



8.1045, 8.0550, 8.8608



13.1737, 6.7320, 3.2940



0.3915, 0.1973, 0.2233

Previews

White Background



This preview shows how the XYZ color 36.2933, 36.0967, 39.7048 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 36.2933, 36.0967, 39.7048 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 36.2933, 36.0967, 39.7048

Background



This preview shows how black text looks on a background with the XYZ color 36.2933, 36.0967, 39.7048.



This preview shows how white text looks on a background with the XYZ color 36.2933, 36.0967,

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

36.2933, 36.0967, 39.7048

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

36.7993, 36.1054, 39.6798



Tritanopia

36.8976, 36.0925, 42.5579

Trichromacy



Original Color

36.2933, 36.0967, 39.7048

Protanomaly

35.4201, 36.1468, 40.2321

Deuteranomaly

36.5723, 35.9884, 39.6692

Tritanomaly

36.7112, 36.0179, 41.5765

Monochromacy



Original Color

36.2933, 36.0967, 39.7048

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2921, 36.3496, 39.8064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2933, 36.0967, 39.7048 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, 158, 163) looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 163)  
}
```

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, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.2933, 36.0967, 39.7048 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, 158, 163) }
```


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

```
.border{ border-color:rgb(174, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2933, 36.0967, 39.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 163) }
```

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

```
.background{ background-color: rgb(174,  
158, 163) }
```

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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