

Converting Colors

XYZ(36.4214, 37.4570, 43.4860)

Have a look what the booklet for
XYZ(36.4214, 37.4570, 43.4860)
contains.

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Color

**XYZ(36.2892, 37.3122,
43.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A3AA
RGB	167, 163, 170
RGB Percent	65%, 64%, 67%
CMY	0.3451, 0.3608, 0.3333
CMYK	0.02, 0.04, 0.00, 0.33
HSL	274°, 4%, 65%
HSV	274°, 4%, 67%
XYZ	36.2892, 37.3122, 43.3195
YIQ	164.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

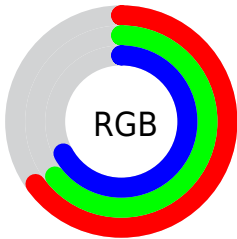
Format	Color
RYB	167, 163, 170
Decimal	10986410
CIELab	67.51, 2.77, -3.11
CIELCh	68, 4.167, 311.661
Yxy	37.3122, 0.3104, 0.3191
Android (android.graphics.Color)	4289176490 (0xFFA7A3AA)
YUV	164.9940, 2.4680, 1.7593
Hunter-Lab	61.0837, -0.8515, 0.7112

Details

The XYZ color **36.2892, 37.3122, 43.3195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7130, 39.5018, 40.3420**, and the grayscale version is **35.7507, 37.6125, 40.9600**.

A 20% lighter version of the original color is **68.7862, 71.1086, 81.3341**, and **16.0247, 16.3217, 19.4454** is the 20% darker color. If you saturate the color by 10%, you get **31.9748, 30.9052, 42.3108**, and if you desaturate by 10%, it is **41.0983, 44.5787, 44.4692**.

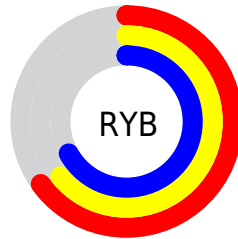
Distribution



Red (65%)

Green (64%)

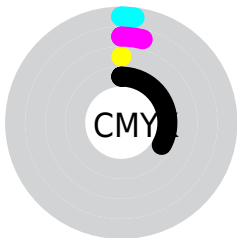
Blue (67%)



Red (65%)

Yellow (64%)

Blue (67%)

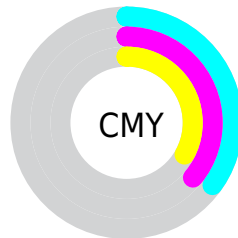


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2892, 37.3122, 43.3195 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 36.2892, 37.3122, 43.3195 by changing the saturation by 10% instead.

■ 36.2892, 37.3122,
43.3195

■ 36.2892, 37.3122,
43.3195

321.6321,
334.6602, 375.8838

■ 24.8288, 25.4493,
29.8026

■ 68.7992, 71.0527,
81.4843

■ 16.0776, 16.4121,
19.4380

■ 90.5794, 93.6991,
106.9693

■ 9.6703, 9.8162,
11.8072

116.5303,
120.7087, 137.2808

■ 5.2415, 5.2773,
6.4916

147.0172,
152.4661, 172.8372

■ 2.4258, 2.4109,
3.0727

182.4055,
189.3555, 214.0572

■ 0.8580, 0.8315,
1.1319

223.0605,

■ 0.0000, 0.0000,

231.7614, 261.3593

0.0000

269.3476,
280.0682, 315.1620

■ 36.2892, 37.3122,
43.3195

■ 36.2892, 37.3122,
43.3195

■ 31.9748, 30.9052,
42.3108

■ 41.0983, 44.5787,
44.4692

■ 28.1345, 25.3200,
41.4351

■ 46.4155, 52.7309,
45.7625

■ 24.7507, 20.5233,
40.6876

■ 52.2575, 61.8000,
47.2051

■ 21.8035, 16.4772,
40.0620

■ 58.6395, 71.8139,
48.8016

■ 19.2714, 13.1413,
39.5515

■ 65.5758, 82.7997,
50.5565

■ 17.1308, 10.4706,
39.1489

■ 69.8050, 88.2327,
51.3822

■ 15.3555, 8.4151,
38.8457

■ 71.9378, 89.3321,
51.4820

■ 13.9156, 6.9175,
38.6325

■ 74.1664, 90.4811,
51.5863

■ 12.7754, 5.9090,
38.4979

■ 76.4922, 91.6800,
51.6952

Harmonies

Analogous

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



35.7137, 37.3122, 44.1803



36.2892, 37.3122, 43.3195



36.6462, 37.3122, 41.7467

Triad

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



36.2892, 37.3122, 43.3195



35.8531, 37.3122, 37.3694



34.2714, 37.3122, 41.3438

Complementary

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



36.2892, 37.3122, 43.3195



36.7130, 39.5018, 40.3420

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.



34.3078, 37.3122, 39.5268



36.2892, 37.3122, 43.3195



35.2158, 37.3122, 37.2688

Square

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



36.2892, 37.3122, 43.3195



36.3923, 37.3122, 38.3266



34.6517, 37.3122, 38.0478



34.5518, 37.3122, 43.0169

Rectangle

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



36.2892, 37.3122, 43.3195



36.7097, 37.3122, 40.5245



34.6517, 37.3122, 38.0478



34.2471, 37.3122, 40.7290

Sweetspot

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



36.2903, 37.3138, 43.3203



68.4493, 71.6153, 79.2174



36.0037, 37.9749, 43.4630



15.2751, 15.9866, 17.6683



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.



36.2903, 37.3138, 43.3203



65.0419, 66.5001, 78.4096



36.8875, 37.6268, 43.1183



7.8878, 8.0422, 9.5549



9.0367, 4.0420, 28.2794



0.2767, 0.1276, 0.6907

Inverse Universe

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



36.5591, 37.4954, 41.3890



65.6442, 66.9068, 74.0913



36.1332, 39.1981, 40.5334



7.9681, 8.0964, 8.9798



13.1036, 6.6502, 5.3573



0.3446, 0.1721, 0.2663

Previews

White Background



This preview shows how the XYZ color 36.2892, 37.3122, 43.3195 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 36.2892, 37.3122, 43.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

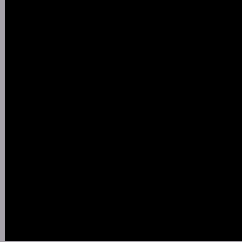
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

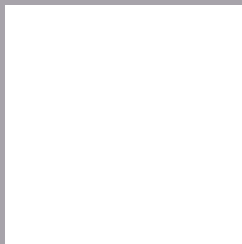
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2892, 37.3122, 43.3195

Background



This preview shows how black text looks on a background with the XYZ color 36.2892, 37.3122, 43.3195.



This preview shows how white text looks on a background with the XYZ color 36.2892, 37.3122,

43.3195.

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

36.2892, 37.3122, 43.3195

Protanopia

36.0788, 37.2037, 43.3097

Deuteranopia

37.8803, 37.0837, 43.6894



Tritanopia

36.8066, 37.2606, 45.8095

Trichromacy



Original Color

36.2892, 37.3122, 43.3195

Protanomaly

36.0788, 37.2037, 43.3097

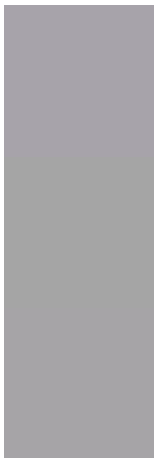
Deuteranomaly

37.1551, 36.9661, 43.7050

Tritanomaly

36.6116, 37.1826, 44.7825

Monochromacy



Original Color

36.2892, 37.3122, 43.3195

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9764, 37.4479, 41.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2892, 37.3122, 43.3195 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, 163, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 163, 170)  
}
```

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, 163, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 170) }
```

Border

The CSS property to change the border of an element to XYZ 36.2892, 37.3122, 43.3195 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, 163, 170) }
```


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

```
.border{ border-color:rgb(167, 163, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 163, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 163, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 163, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 163,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2892, 37.3122, 43.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 163, 170) }
```

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

```
.background{ background-color: rgb(167,  
163, 170) }
```

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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