

Converting Colors

XYZ(35.6491, 36.1114, 42.0462)

Have a look what the booklet for
XYZ(35.6491, 36.1114, 42.0462)
contains.

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Color

**XYZ(35.7871, 36.2936,
42.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A0A8
RGB	168, 160, 168
RGB Percent	66%, 63%, 66%
CMY	0.3412, 0.3725, 0.3412
CMYK	0.00, 0.05, 0.00, 0.34
HSL	300°, 4%, 64%
HSV	300°, 5%, 66%
XYZ	35.7871, 36.2936, 42.1650
YIQ	163.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

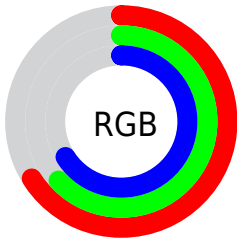
Format	Color
R_{YB}	168, 160, 168
Decimal	11051176
CIE _{Lab}	66.74, 4.40, -3.12
CIE _{LCh}	67, 5.388, 324.655
Yxy	36.2936, 0.3132, 0.3177
Android (android.graphics.Color)	4289241256 (0xFFA8A0A8)
YUV	163.3040, 2.3151, 4.1184
Hunter-Lab	60.2442, 0.6078, 0.6737

Details

The XYZ color **35.7871, 36.2936, 42.1650** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8465, 38.0179, 38.7612**, and the grayscale version is **34.9459, 36.7658, 40.0380**.

A 20% lighter version of the original color is **68.0511, 69.6166, 79.6627**, and **15.8235, 15.9112, 18.7602** is the 20% darker color. If you saturate the color by 10%, you get **33.0696, 30.8583, 41.2596**, and if you desaturate by 10%, it is **38.9003, 42.5192, 43.2031**.

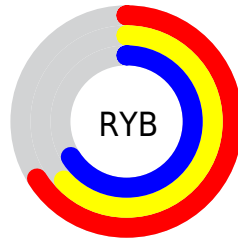
Distribution



Red (66%)

Green (63%)

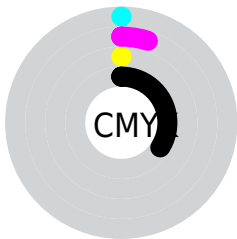
Blue (66%)



Red (66%)

Yellow (63%)

Blue (66%)

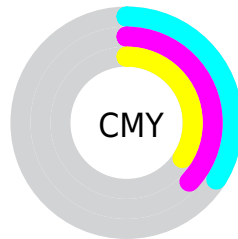


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7871, 36.2936, 42.1650 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 35.7871, 36.2936, 42.1650 by changing the saturation by 10% instead.

■ 35.7871, 36.2936,
42.1650

■ 35.7871, 36.2936,
42.1650

319.4765,
330.2420, 370.9863

■ 24.4392, 24.6610,
28.9040

■ 68.0294, 69.4850,
79.7221

■ 15.7862, 15.8247,
18.7632

■ 89.6544, 91.8126,
104.8552

■ 9.4629, 9.4002,
11.3242

115.4358,
118.4740, 134.7828

■ 5.1038, 5.0031,
6.1685

145.7390,
149.8536, 169.9233

■ 2.3437, 2.2491,
2.8773

180.9293,
186.3359, 210.6954

■ 0.8169, 0.7466,
1.0324

221.3721,

■ 0.0000, 0.0000,

228.3051, 257.5176

0.0000

267.4327,
276.1456, 310.8084

■ 35.7871, 36.2936,
42.1650

■ 35.7871, 36.2936,
42.1650

■ 33.0696, 30.8583,
41.2596

■ 38.9003, 42.5192,
43.2031

■ 30.7289, 26.1772,
40.4795

■ 42.4208, 49.5600,
44.3766

■ 28.7495, 22.2184,
39.8197

■ 46.3636, 57.4455,
45.6908

■ 27.1132, 18.9461,
39.2743

■ 50.7423, 66.2026,
47.1503

■ 25.8006, 16.3211,
38.8368

■ 55.5694, 75.8567,
48.7593

■ 24.7902, 14.3006,
38.5001

■ 58.9775, 82.6726,
49.8953

■ 24.0580, 12.8363,
38.2560

■ 58.9776, 82.6726,
49.8953

■ 23.5761, 11.8729,
38.0954

■ 58.9778, 82.6727,
49.8953

■ 23.3109, 11.3425,
38.0071

■ 58.9779, 82.6728,
49.8953

Harmonies

Analogous

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



35.1523, 36.2936, 43.7285



35.7871, 36.2936, 42.1650



36.0762, 36.2936, 39.9362

Triad

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



35.7871, 36.2936, 42.1650



34.6418, 36.2936, 35.2248



33.0944, 36.2936, 41.4151

Complementary

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



35.7871, 36.2936, 42.1650



34.8465, 38.0179, 38.7612

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.



32.9625, 36.2936, 39.1019



35.7871, 36.2936, 42.1650



33.8479, 36.2936, 35.5860

Square

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



35.7871, 36.2936, 42.1650



35.4084, 36.2936, 35.9765



33.2363, 36.2936, 36.9833



33.5994, 36.2936, 43.2837

Rectangle

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



35.7871, 36.2936, 42.1650



36.0309, 36.2936, 38.3955



33.2363, 36.2936, 36.9833



33.0053, 36.2936, 40.6613

Sweetspot

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



35.7881, 36.2952, 42.1658



66.9699, 69.9178, 77.1909



34.1607, 35.4905, 42.0962



14.6035, 15.2530, 16.8266



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7881, 36.2952, 42.1658



64.2348, 64.4479, 76.2792



35.4333, 36.1533, 40.2971



8.0186, 8.0199, 9.5437



17.5310, 8.4210, 28.6769



0.4265, 0.2049, 0.6977

Inverse Universe

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



35.0658, 36.0062, 38.3615



62.5672, 63.7808, 67.4966



35.1899, 38.1553, 40.5701



7.7969, 7.9313, 8.3766



12.1947, 6.2866, 0.5709



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 35.7871, 36.2936, 42.1650 looks on a white background.

Color Contrast Check

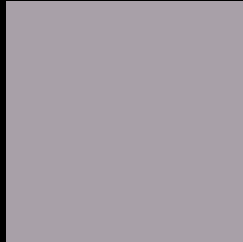
Large Text (above 18pt) WCAG AA × Fail

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 35.7871, 36.2936, 42.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

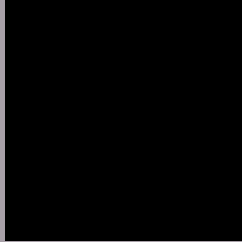
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7871, 36.2936, 42.1650

Background



This preview shows how black text looks on a background with the XYZ color 35.7871, 36.2936, 42.1650.



This preview shows how white text looks on a background with the XYZ color 35.7871, 36.2936,

42.1650.

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

35.7871, 36.2936, 42.1650

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

36.8976, 36.0925, 42.5579



Tritanopia

36.2067, 36.2098, 44.1106

Trichromacy



Original Color

35.7871, 36.2936, 42.1650

Protanomaly

35.4234, 36.3536, 42.6861

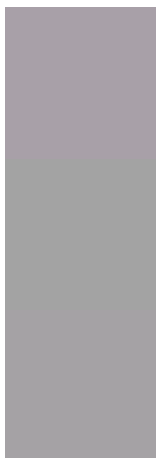
Deuteranomaly

36.4015, 36.0889, 42.5834

Tritanomaly

36.1110, 36.1716, 43.6066

Monochromacy



Original Color

35.7871, 36.2936, 42.1650

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2289, 36.5566, 40.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7871, 36.2936, 42.1650 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(168, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 160, 168)  
}
```

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(168, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.7871, 36.2936, 42.1650 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(168, 160, 168) }
```


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

```
.border{ border-color:rgb(168, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 160,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7871, 36.2936, 42.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 160, 168) }
```

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

```
.background{ background-color: rgb(168,  
160, 168) }
```

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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