

Converting Colors

XYZ(35.6307, 33.7202, 42.7178)

Have a look what the booklet for
XYZ(35.6307, 33.7202, 42.7178)
contains.

XYZ(35.6176, 33.7136, 42.6603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6176, 33.7136,
42.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	AE96AA
RGB	174, 150, 170
RGB Percent	68%, 59%, 67%
CMY	0.3176, 0.4117, 0.3333
CMYK	0.00, 0.14, 0.02, 0.32
HSL	310°, 13%, 64%
HSV	310°, 14%, 68%
XYZ	35.6176, 33.7136, 42.6603
YIQ	159.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

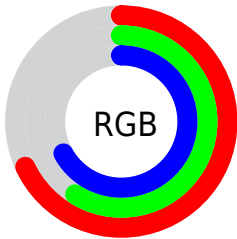
Format	Color
RYB	174, 150, 170
Decimal	11441834
CIELab	64.73, 12.48, -7.15
CIElCh	65, 14.386, 330.200
Yxy	33.7136, 0.3180, 0.3010
Android (android.graphics.Color)	4289631914 (0xFFAE96AA)
YUV	159.4560, 5.1982, 12.7551
Hunter-Lab	58.0634, 7.8855, -2.9171

Details

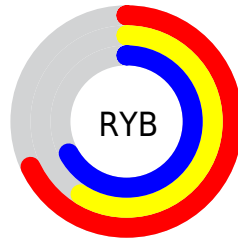
The XYZ color **35.6176, 33.7136, 42.6603** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5478, 39.0902, 36.3507**, and the grayscale version is **33.1386, 34.8644, 37.9674**.

A 20% lighter version of the original color is **67.8166, 65.4450, 80.2920**, and **15.6170, 14.2966, 19.0760** is the 20% darker color. If you saturate the color by 10%, you get **32.7736, 28.4593, 40.3737**, and if you desaturate by 10%, it is **38.8820, 39.7978, 45.1177**.

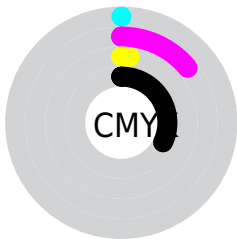
Distribution



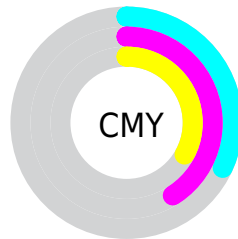
- Red (68%)
- Green (59%)
- Blue (67%)



- Red (68%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6176, 33.7136, 42.6603 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 35.6176, 33.7136, 42.6603 by changing the saturation by 10% instead.

■ 35.6176, 33.7136,
42.6603

■ 35.6176, 33.7136,
42.6603

318.7465,
318.8531, 373.0930

■ 24.3077, 22.6737,
29.2892

■ 67.7692, 65.4880,
80.4788

■ 15.6880, 14.3527,
19.0523

■ 89.3416, 86.9913,
105.7634

■ 9.3931, 8.3664,
11.5309

115.0656,
112.7512, 135.8562

■ 5.0576, 4.3303,
6.3065

145.3065,
143.1521, 171.1758

■ 2.3162, 1.8600,
2.9605

180.4297,
178.5783, 212.1408

■ 0.8029, 0.5241,
1.0745

220.8005,

■ 0.0000, 0.0000,

219.4143, 259.1696

0.0000

266.7843,
266.0444, 312.6808

■ 35.6176, 33.7136,
42.6603

■ 35.6176, 33.7136,
42.6603

■ 32.7736, 28.4593,
40.3737

■ 38.8820, 39.7978,
45.1177

■ 30.3287, 23.9943,
38.2495

■ 42.5807, 46.7416,
47.7495

■ 28.2646, 20.2812,
36.2817

■ 46.7310, 54.5785,
50.5620

■ 26.5601, 17.2778,
34.4630

■ 51.3479, 63.3388,
53.5605

■ 25.1918, 14.9375,
32.7856

■ 56.4460, 73.0517,
56.7501

■ 24.1340, 13.2086,
31.2405

■ 62.0392, 83.7447,
60.1355

■ 23.3566, 12.0312,
29.8176

■ 62.5435, 84.2499,
61.8555

■ 22.8238, 11.3339,
28.5048

■ 62.8644, 84.3782,
63.5456

■ 22.5663, 11.0430,
27.7284

■ 63.1917, 84.5092,
65.2691

Harmonies

Analogous

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



34.0847, 33.7136, 47.4501



35.6176, 33.7136, 42.6603



36.1845, 33.7136, 36.6687

Triad

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



35.6176, 33.7136, 42.6603



32.0299, 33.7136, 26.4625



28.7303, 33.7136, 42.7364

Complementary

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



35.6176, 33.7136, 42.6603



33.5478, 39.0902, 36.3507

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.



28.2317, 33.7136, 36.7481



35.6176, 33.7136, 42.6603



30.0860, 33.7136, 27.7240

Square

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



35.6176, 33.7136, 42.6603



34.0597, 33.7136, 27.6910



28.7174, 33.7136, 31.3375



30.1090, 33.7136, 47.4973

Rectangle

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



35.6176, 33.7136, 42.6603



35.9201, 33.7136, 32.9169



28.7174, 33.7136, 31.3375



28.4569, 33.7136, 40.7804

Sweetspot

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



35.6186, 33.7151, 42.6610



70.3513, 71.8593, 81.7092



31.8742, 31.7403, 44.4916



15.5329, 15.7781, 18.0849



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.



35.6186, 33.7151, 42.6610



62.7119, 57.6417, 75.8915



34.5346, 33.2815, 36.9529



8.2789, 8.1248, 9.7794



16.3860, 8.0170, 20.2101



0.4708, 0.2290, 0.6411

Inverse Universe

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



35.6186, 33.7151, 42.6610



62.7119, 57.6417, 75.8915



34.5978, 39.5102, 41.8801



8.2789, 8.1248, 9.7794



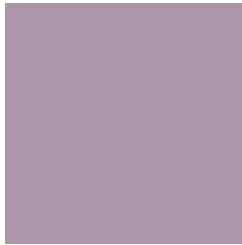
16.3860, 8.0170, 20.2101



0.4708, 0.2290, 0.6411

Previews

White Background



This preview shows how the XYZ color 35.6176, 33.7136, 42.6603 looks on a white background.

Color Contrast Check

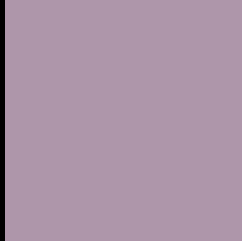
Large Text (above 18pt) WCAG AA × Fail

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 35.6176, 33.7136, 42.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

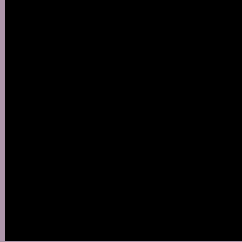
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6176, 33.7136, 42.6603

Background



This preview shows how black text looks on a background with the XYZ color 35.6176, 33.7136, 42.6603.



This preview shows how white text looks on a background with the XYZ color 35.6176, 33.7136,

42.6603.

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

35.6176, 33.7136, 42.6603

Protanopia

33.0460, 33.8015, 44.8270

Deuteranopia

34.4890, 33.8625, 42.2545



Tritanopia

34.9110, 33.6618, 39.3077

Trichromacy



Original Color

35.6176, 33.7136, 42.6603

Protanomaly

33.9987, 33.8097, 44.2692

Deuteranomaly

34.9672, 33.8671, 42.2301

Tritanomaly

35.1831, 33.7706, 40.7404

Monochromacy



Original Color

35.6176, 33.7136, 42.6603

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8092, 34.3138, 39.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6176, 33.7136, 42.6603 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, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 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(174, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.6176, 33.7136, 42.6603 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, 150, 170) }
```


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

```
.border{ border-color:rgb(174, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6176, 33.7136, 42.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 170) }
```

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

```
.background{ background-color: rgb(174,  
150, 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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