

Converting Colors

XYZ(36.0920, 36.5210, 42.9563)

Have a look what the booklet for
XYZ(36.0920, 36.5210, 42.9563)
contains.

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Color

**XYZ(35.9750, 36.3687,
43.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A0AA
RGB	168, 160, 170
RGB Percent	66%, 63%, 67%
CMY	0.3412, 0.3725, 0.3333
CMYK	0.01, 0.06, 0.00, 0.33
HSL	288°, 6%, 65%
HSV	288°, 6%, 67%
XYZ	35.9750, 36.3687, 43.1540
YIQ	163.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

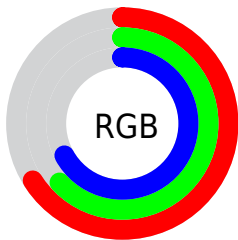
Format	Color
RYB	168, 160, 170
Decimal	11051178
CIELab	66.80, 4.78, -4.15
CIELCh	67, 6.330, 319.038
Yxy	36.3687, 0.3115, 0.3149
Android (android.graphics.Color)	4289241258 (0xFFA8A0AA)
YUV	163.5320, 3.1887, 3.9184
Hunter-Lab	60.3065, 0.9454, -0.2121

Details

The XYZ color **35.9750, 36.3687, 43.1540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6214, 38.9698, 38.9039**, and the grayscale version is **35.0501, 36.8754, 40.1574**.

A 20% lighter version of the original color is **68.3225, 69.7251, 81.0915**, and **15.9411, 15.9583, 19.3796** is the 20% darker color. If you saturate the color by 10%, you get **32.5131, 30.5050, 42.2052**, and if you desaturate by 10%, it is **39.8610, 43.0513, 44.2396**.

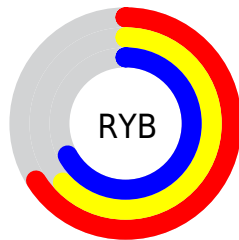
Distribution



Red (66%)

Green (63%)

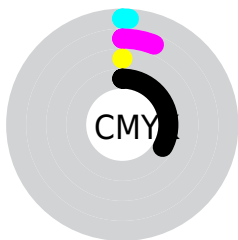
Blue (67%)



Red (66%)

Yellow (63%)

Blue (67%)

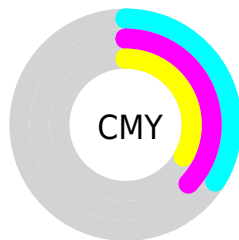


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9750, 36.3687, 43.1540 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 35.9750, 36.3687, 43.1540 by changing the saturation by 10% instead.

■ 35.9750, 36.3687,
43.1540

■ 35.9750, 36.3687,
43.1540

320.2844,
330.5692, 375.1845

■ 24.5849, 24.7191,
29.6737

■ 68.3176, 69.6008,
81.2320

■ 15.8951, 15.8679,
19.3411

■ 90.0008, 91.9520,
106.6668

■ 9.5404, 9.4307,
11.7377

115.8458,
118.6392, 136.9235

■ 5.1552, 5.0232,
6.4450

146.2179,
150.0469, 172.4207

■ 2.3743, 2.2609,
3.0444

181.4824,
186.5593, 213.5768

■ 0.8323, 0.7529,
1.1173

222.0048,

■ 0.0000, 0.0000,

228.5609, 260.8105

0.0000

268.1503,
276.4361, 314.5402

■ 35.9750, 36.3687,
43.1540

■ 35.9750, 36.3687,
43.1540

■ 32.5131, 30.5050,
42.2052

■ 39.8610, 43.0513,
44.2396

■ 29.4556, 25.4229,
41.3854

■ 44.1833, 50.5788,
45.4647

■ 26.7862, 21.0893,
40.6896

■ 48.9577, 58.9819,
46.8351

■ 24.4860, 17.4666,
40.1116

■ 54.1981, 68.2883,
48.3552

■ 22.5346, 14.5142,
39.6446

■ 59.9178, 78.5245,
50.0295

■ 20.9095, 12.1874,
39.2811

■ 63.8543, 85.1650,
51.1038

■ 19.5853, 10.4357,
39.0128

■ 64.7043, 85.6031,
51.1436

■ 18.5329, 9.2009,
38.8299

■ 65.5742, 86.0516,
51.1843

■ 17.7139, 8.4065,
38.7198

■ 66.4640, 86.5103,
51.2259

Harmonies

Analogous

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



35.1708, 36.3687, 44.7906



35.9750, 36.3687, 43.1540



36.4048, 36.3687, 40.6095

Triad

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



35.9750, 36.3687, 43.1540



34.9183, 36.3687, 34.6496



32.8576, 36.3687, 41.3426

Complementary

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



35.9750, 36.3687, 43.1540



35.6214, 38.9698, 38.9039

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.



32.7929, 36.3687, 38.6060



35.9750, 36.3687, 43.1540



33.9709, 36.3687, 34.8256

Square

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



35.9750, 36.3687, 43.1540



35.7872, 36.3687, 35.7532



33.1969, 36.3687, 36.2454



33.3755, 36.3687, 43.7119

Rectangle

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



35.9750, 36.3687, 43.1540



36.4159, 36.3687, 38.7776



33.1969, 36.3687, 36.2454



32.7825, 36.3687, 40.4326

Sweetspot

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



35.9761, 36.3703, 43.1548



67.8915, 70.4710, 79.0259



34.7041, 36.2769, 43.2038



15.1574, 15.7451, 17.6279



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.



35.9761, 36.3703, 43.1548



64.4497, 64.5833, 78.0709



36.1399, 36.4854, 41.7786



7.8393, 7.8390, 9.5182



12.8518, 6.0088, 28.4579



0.3490, 0.1649, 0.6941

Inverse Universe

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



35.6712, 36.2979, 39.3101



63.7884, 64.4276, 69.6727



35.4691, 38.8623, 40.2053



7.7555, 7.8193, 8.4528



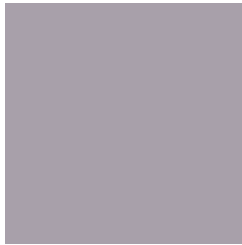
12.4237, 6.3782, 1.7768



0.3191, 0.1619, 0.1316

Previews

White Background



This preview shows how the XYZ color 35.9750, 36.3687, 43.1540 looks on a white background.

Color Contrast Check

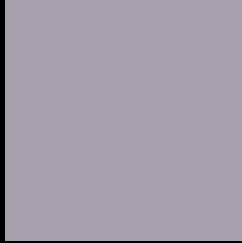
Large Text (above 18pt) WCAG AA × Fail

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 35.9750, 36.3687, 43.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

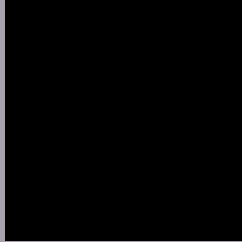
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9750, 36.3687, 43.1540

Background



This preview shows how black text looks on a background with the XYZ color 35.9750, 36.3687, 43.1540.



This preview shows how white text looks on a background with the XYZ color 35.9750, 36.3687,

43.1540.

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

35.9750, 36.3687, 43.1540

Protanopia

35.3753, 36.5675, 43.7218

Deuteranopia

37.1618, 36.4700, 43.1110



Tritanopia

36.1656, 36.4450, 44.1582

Trichromacy



Original Color

35.9750, 36.3687, 43.1540

Protanomaly

35.6126, 36.4293, 43.6827

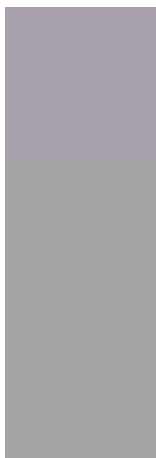
Deuteranomaly

36.6671, 36.4692, 43.1369

Tritanomaly

36.0699, 36.4067, 43.6542

Monochromacy



Original Color

35.9750, 36.3687, 43.1540

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4972, 36.9469, 41.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9750, 36.3687, 43.1540 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 160, 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(168, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 160, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.9750, 36.3687, 43.1540 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, 170) }
```


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

```
.border{ border-color:rgb(168, 160, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 160,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9750, 36.3687, 43.1540 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, 170) }
```

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

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