

Converting Colors

XYZ(36.0496, 37.1517, 42.8562)

Have a look what the booklet for
XYZ(36.0496, 37.1517, 42.8562)
contains.

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Color

**XYZ(35.9845, 37.1659,
42.8133)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A3A9
RGB	166, 163, 169
RGB Percent	65%, 64%, 66%
CMY	0.3490, 0.3608, 0.3373
CMYK	0.02, 0.04, 0.00, 0.34
HSL	270°, 3%, 65%
HSV	270°, 4%, 66%
XYZ	35.9845, 37.1659, 42.8133
YIQ	164.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

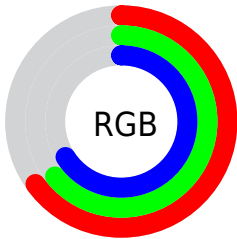
Format	Color
RYB	166, 163, 169
Decimal	10920873
CIELab	67.40, 2.22, -2.73
CIELCh	67, 3.518, 309.192
Yxy	37.1659, 0.3103, 0.3205
Android (android.graphics.Color)	4289110953 (0xFFA6A3A9)
YUV	164.5810, 2.1786, 1.2445
Hunter-Lab	60.9638, -1.3254, 1.0369

Details

The XYZ color **35.9845, 37.1659, 42.8133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5261, 39.1283, 40.2795**, and the grayscale version is **35.5544, 37.4060, 40.7352**.

A 20% lighter version of the original color is **68.3447, 70.8968, 80.6033**, and **15.8348, 16.2306, 19.1279** is the 20% darker color. If you saturate the color by 10%, you get **31.4681, 30.6777, 41.7995**, and if you desaturate by 10%, it is **41.0205, 44.5194, 43.9678**.

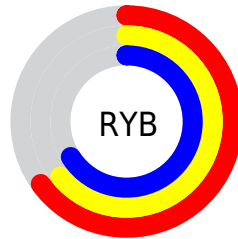
Distribution



Red (65%)

Green (64%)

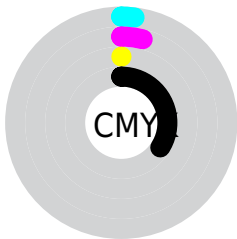
Blue (66%)



Red (65%)

Yellow (64%)

Blue (66%)

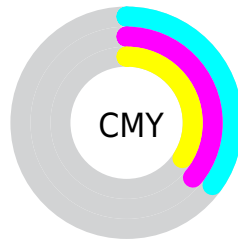


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9845, 37.1659, 42.8133 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 35.9845, 37.1659, 42.8133 by changing the saturation by 10% instead.

■ 35.9845, 37.1659,
42.8133

■ 35.9845, 37.1659,
42.8133

320.3252,
334.0282, 373.7420

■ 24.5923, 25.3360,
29.4083

■ 68.3322, 70.8279,
80.7124

■ 15.9007, 16.3275,
19.1417

■ 90.0183, 93.4287,
106.0436

■ 9.5443, 9.7562,
11.5949

115.8665,
120.3886, 136.1873

■ 5.1578, 5.2376,
6.3493

146.2421,
152.0920, 171.5620

■ 2.3759, 2.3874,
2.9864

181.5104,
188.9232, 212.5863

■ 0.8331, 0.8194,
1.0877

222.0367,

■ 0.0000, 0.0000,

231.2668, 259.6787

0.0000

268.1866,
279.5070, 313.2578

■ 35.9845, 37.1659,
42.8133

■ 35.9845, 37.1659,
42.8133

■ 31.4681, 30.6777,
41.7995

■ 41.0205, 44.5194,
43.9678

■ 27.4502, 25.0172,
40.9187

■ 46.5900, 52.7643,
45.2657

■ 23.9127, 20.1513,
40.1660

■ 52.7104, 61.9315,
46.7126

■ 20.8351, 16.0425,
39.5351

■ 59.3971, 72.0492,
48.3130

■ 18.1955, 12.6504,
39.0195

■ 66.6650, 83.1441,
50.0715

■ 15.9697, 9.9307,
38.6118

■ 71.4546, 89.0939,
50.9675

■ 14.1311, 7.8338,
38.3040

■ 74.0280, 90.4206,
51.0879

■ 12.6494, 6.3032,
38.0867

■ 76.7320, 91.8145,
51.2145

■ 11.4886, 5.2713,
37.9487

■ 79.5683, 93.2767,
51.3472

Harmonies

Analogous

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



35.4910, 37.1659, 43.4708



35.9845, 37.1659, 42.8133



36.3034, 37.1659, 41.5317

Triad

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



35.9845, 37.1659, 42.8133



35.6948, 37.1659, 37.7539



34.3111, 37.1659, 40.9436

Complementary

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



35.9845, 37.1659, 42.8133



36.5261, 39.1283, 40.2795

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.



34.3645, 37.1659, 39.4213



35.9845, 37.1659, 42.8133



35.1597, 37.1659, 37.6055

Square

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



35.9845, 37.1659, 42.8133



36.1350, 37.1659, 38.6193



34.6738, 37.1659, 38.2087



34.5274, 37.1659, 42.3734

Rectangle

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



35.9845, 37.1659, 42.8133



36.3723, 37.1659, 40.5093



34.6738, 37.1659, 38.2087



34.2982, 37.1659, 40.4255

Sweetspot

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



35.9856, 37.1675, 42.8141



66.6404, 69.7479, 77.1755



35.9214, 37.9613, 42.9707



14.5357, 15.2181, 16.8234



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.



35.9856, 37.1675, 42.8141



64.0014, 65.9184, 76.5754



36.6004, 37.4845, 42.8429



7.9542, 8.1672, 9.5755



8.1552, 3.5876, 28.2381



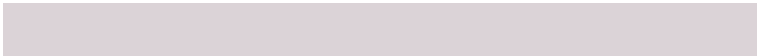
0.2575, 0.1177, 0.6898

Inverse Universe

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



36.3436, 37.3842, 41.3786



64.7359, 66.3630, 73.6307



35.9249, 38.8184, 40.2514



8.0588, 8.2306, 9.1560



13.4301, 6.7807, 7.0762



0.3526, 0.1753, 0.3083

Previews

White Background



This preview shows how the XYZ color 35.9845, 37.1659, 42.8133 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 35.9845, 37.1659, 42.8133 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

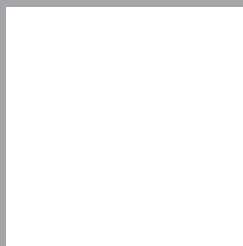
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9845, 37.1659, 42.8133

Background



This preview shows how black text looks on a background with the XYZ color 35.9845, 37.1659, 42.8133.



This preview shows how white text looks on a background with the XYZ color 35.9845, 37.1659,

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

35.9845, 37.1659, 42.8133

Protanopia

35.7757, 37.0583, 42.8035

Deuteranopia

37.7853, 37.0457, 43.1892



Tritanopia

36.5945, 37.1513, 45.7996

Trichromacy



Original Color

35.9845, 37.1659, 42.8133

Protanomaly

35.7757, 37.0583, 42.8035

Deuteranomaly

37.0601, 36.9281, 43.2048

Tritanomaly

36.3995, 37.0733, 44.7726

Monochromacy



Original Color

35.9845, 37.1659, 42.8133

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6754, 37.3034, 41.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9845, 37.1659, 42.8133 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(166, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 169)  
}
```

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(166, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.9845, 37.1659, 42.8133 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(166, 163, 169) }
```


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

```
.border{ border-color:rgb(166, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9845, 37.1659, 42.8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 169) }
```

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

```
.background{ background-color: rgb(166,  
163, 169) }
```

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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