

Converting Colors

XYZ(34.3036, 37.5793, 35.0536)

Have a look what the booklet for
XYZ(34.3036, 37.5793, 35.0536)
contains.

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Color

**XYZ(34.3865, 37.5858,
35.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A798
RGB	162, 167, 152
RGB Percent	64%, 65%, 60%
CMY	0.3647, 0.3451, 0.4039
CMYK	0.03, 0.00, 0.09, 0.35
HSL	80°, 8%, 63%
HSV	80°, 9%, 65%
XYZ	34.3865, 37.5858, 35.1482
YIQ	163.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

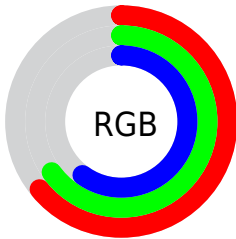
Format	Color
RYB	152, 167, 157
Decimal	10659736
CIELab	67.71, -4.56, 7.14
CIELCh	68, 8.471, 122.579
Yxy	37.5858, 0.3210, 0.3509
Android (android.graphics.Color)	4288849816 (0xFFA2A798)
YUV	163.7950, -5.8149, -1.5742
Hunter-Lab	61.3073, -7.1692, 8.9234

Details

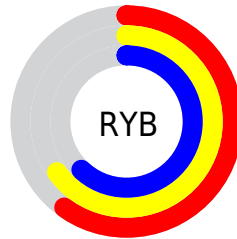
The XYZ color **34.3865, 37.5858, 35.1482** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1094, 32.4156, 41.1257**, and the grayscale version is **35.2162, 37.0501, 40.3476**.

A 20% lighter version of the original color is **65.8771, 71.4505, 68.7117**, and **14.9101, 16.5160, 14.7140** is the 20% darker color. If you saturate the color by 10%, you get **32.0078, 36.5077, 28.3926**, and if you desaturate by 10%, it is **37.0100, 38.7700, 42.9222**.

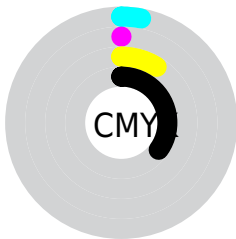
Distribution



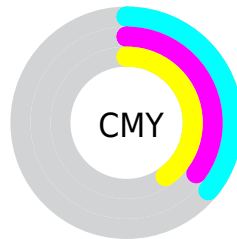
- Red (64%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3865, 37.5858, 35.1482 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 34.3865, 37.5858, 35.1482 by changing the saturation by 10% instead.

■ 34.3865, 37.5858,
35.1482

■ 34.3865, 37.5858,
35.1482

313.4077,
335.8398, 340.1461

■ 23.3550, 25.6614,
23.4926

■ 65.8746, 71.4728,
68.8695

■ 14.9780, 16.5705,
14.7489

■ 87.0618, 94.2042,
91.7722

■ 8.8901, 9.9287,
8.4987

112.3650,
121.3067, 119.2611

■ 4.7261, 5.3517,
4.3234

142.1495,
153.1648, 151.7546

■ 2.1206, 2.4551,
1.8044

176.7807,
190.1627, 189.6713

■ 0.7004, 0.8540,
0.4308

216.6239,

■ 0.0000, 0.0000,

232.6849, 233.4298

0.0000

262.0444,
281.1158, 283.4485

■ 34.3865, 37.5858,
35.1482

■ 34.3865, 37.5858,
35.1482

■ 32.0078, 36.5077,
28.3926

■ 37.0100, 38.7700,
42.9222

■ 29.8622, 35.5274,
22.6108

■ 39.8834, 40.0589,
51.7519

■ 27.9415, 34.6426,
17.7584

■ 43.0155, 41.4571,
61.6756

■ 26.2358, 33.8494,
13.7868

■ 46.4136, 42.9677,
72.7292

■ 24.7343, 33.1434,
10.6428

■ 50.0848, 44.5937,
84.9468

■ 23.4251, 32.5197,
8.2674

■ 54.0360, 46.3378,
98.3609

■ 22.2949, 31.9730,
6.5941

■ 55.9531, 47.2745,
100.7836

■ 21.3282, 31.4968,
5.5449

■ 57.4775, 48.0604,
100.8549

■ 20.4952, 31.0793,
4.9674

■ 59.0568, 48.8745,
100.9288

Harmonies

Analogous

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



35.6111, 37.5858, 34.1402



34.3865, 37.5858, 35.1482



33.5371, 37.5858, 37.6951

Triad

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



34.3865, 37.5858, 35.1482



34.5780, 37.5858, 47.6594



38.2970, 37.5858, 40.6012

Complementary

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



34.3865, 37.5858, 35.1482



32.1094, 32.4156, 41.1257

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.



38.0043, 37.5858, 44.3333



34.3865, 37.5858, 35.1482



35.8375, 37.5858, 48.5530

Square

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



34.3865, 37.5858, 35.1482



33.6458, 37.5858, 44.9283



37.0961, 37.5858, 47.3014



37.8864, 37.5858, 37.1660

Rectangle

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



34.3865, 37.5858, 35.1482



33.2869, 37.5858, 40.0009



37.0961, 37.5858, 47.3014



38.2776, 37.5858, 41.8623

Sweetspot

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



34.3875, 37.5874, 35.1490



64.3138, 68.5462, 70.9756



33.6622, 34.5977, 34.6102



14.3088, 15.3017, 15.6352



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.



34.3875, 37.5874, 35.1490



60.6014, 66.8690, 60.1110



32.9092, 36.8253, 35.0798



7.9002, 8.6466, 8.0419



15.6738, 23.7774, 3.7634



0.4322, 0.6047, 0.0939

Inverse Universe

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



32.1094, 32.4156, 41.1257



55.5908, 55.4937, 73.2567



33.6179, 33.1933, 41.1963



7.3588, 7.4175, 9.4622



6.6196, 2.7960, 28.1663



0.2150, 0.0958, 0.6878

Previews

White Background



This preview shows how the XYZ color 34.3865, 37.5858, 35.1482 looks on a white background.

Color Contrast Check

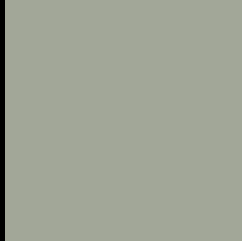
Large Text (above 18pt) WCAG AA × Fail

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 34.3865, 37.5858, 35.1482 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 34.3865, 37.5858, 35.1482

Background



This preview shows how black text looks on a background with the XYZ color 34.3865, 37.5858, 35.1482.



This preview shows how white text looks on a background with the XYZ color 34.3865, 37.5858,

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

34.3865, 37.5858, 35.1482

Protanopia

35.6560, 37.4432, 34.6261

Deuteranopia

38.2385, 37.4437, 35.7838



Tritanopia

36.6596, 37.4360, 46.3680

Trichromacy



Original Color

34.3865, 37.5858, 35.1482

Protanomaly

35.1895, 37.4695, 34.6558

Deuteranomaly

36.8016, 37.4877, 35.4332

Tritanomaly

35.7676, 37.3403, 41.8815

Monochromacy



Original Color

34.3865, 37.5858, 35.1482

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9046, 37.2349, 38.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3865, 37.5858, 35.1482 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(162, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 152)  
}
```

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(162, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.3865, 37.5858, 35.1482 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(162, 167, 152) }
```


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

```
.border{ border-color:rgb(162, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3865, 37.5858, 35.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 152) }
```

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

```
.background{ background-color: rgb(162,  
167, 152) }
```

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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