

Converting Colors

XYZ(37.4268, 41.0112, 40.1262)

Have a look what the booklet for
XYZ(37.4268, 41.0112, 40.1262)
contains.

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Color

**XYZ(37.3835, 40.9877,
40.1235)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AEA2
RGB	166, 174, 162
RGB Percent	65%, 68%, 64%
CMY	0.3490, 0.3176, 0.3647
CMYK	0.05, 0.00, 0.07, 0.32
HSL	100°, 7%, 66%
HSV	100°, 7%, 68%
XYZ	37.3835, 40.9877, 40.1235
YIQ	170.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

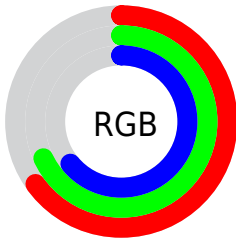
Format	Color
R _Y B	162, 174, 170
Decimal	10923682
CIE Lab	70.17, -5.07, 5.18
CIE LCh	70, 7.247, 134.406
Yxy	40.9877, 0.3155, 0.3459
Android (android.graphics.Color)	4289113762 (0xFFA6AEA2)
YUV	170.2400, -4.0623, -3.7185
Hunter-Lab	64.0216, -7.8082, 7.6570

Details

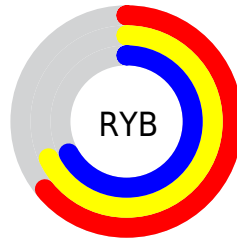
The XYZ color **37.3835, 40.9877, 40.1235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1395, 37.4438, 45.3164**, and the grayscale version is **38.3491, 40.3462, 43.9370**.

A 20% lighter version of the original color is **70.3625, 76.4205, 76.6878**, and **16.7134, 18.6223, 17.4654** is the 20% darker color. If you saturate the color by 10%, you get **33.6194, 39.2150, 32.4243**, and if you desaturate by 10%, it is **41.5834, 42.9627, 48.9621**.

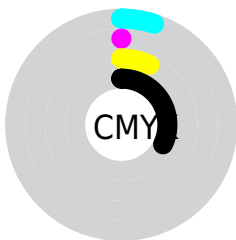
Distribution



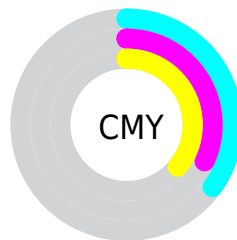
- Red (65%)
- Green (68%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3835, 40.9877, 40.1235 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 37.3835, 40.9877, 40.1235 by changing the saturation by 10% instead.

■ 37.3835, 40.9877,
40.1235

■ 37.3835, 40.9877,
40.1235

326.2947,
350.2692, 362.2114

■ 25.6796, 28.3095,
27.3203

■ 70.4722, 76.6652,
76.5907

■ 16.7155, 18.5591,
17.5794

■ 92.5878, 100.4333,
101.0918

■ 10.1259, 11.3521,
10.4821

118.9045,
128.6668, 130.3293

■ 5.5454, 6.3042,
5.6100

149.7879,
161.7501, 164.7217

■ 2.6087, 3.0309,
2.5445

185.6033,
200.0676, 204.6875

■ 0.9504, 1.1479,
0.8636

226.7160,

■ 0.0000, 0.0185,

244.0037, 250.6454

0.0000

273.4913,
293.9428, 303.0139

■ 0.0000, 0.0000,
0.0000

■ 37.3835, 40.9877,
40.1235

■ 37.3835, 40.9877,
40.1235

■ 33.6194, 39.2150,
32.4243

■ 41.5834, 42.9627,
48.9621

■ 30.2732, 37.6327,
25.8155

■ 46.2294, 45.1409,
58.9810

■ 27.3307, 36.2360,
20.2486

■ 51.3359, 47.5299,
70.2225

■ 24.7755, 35.0174,
15.6703

■ 56.9155, 50.1353,
82.7258

■ 22.5900, 33.9692,
12.0226

■ 62.9802, 52.9625,
96.5286

■ 20.7553, 33.0830,
9.2414

■ 67.6507, 55.2604,
101.7085

■ 19.2502, 32.3496,
7.2547

■ 71.6206, 57.3070,
101.8943

■ 18.0511, 31.7584,
5.9786

■ 74.4268, 58.7537,
102.0256

■ 17.1269, 31.2962,
5.2931

Harmonies

Analogous

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



38.3929, 40.9877, 38.5970



37.3835, 40.9877, 40.1235



36.8020, 40.9877, 42.8959

Triad

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



37.3835, 40.9877, 40.1235



38.3478, 40.9877, 51.2196



41.2084, 40.9877, 43.0233

Complementary

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



37.3835, 40.9877, 40.1235



37.1395, 37.4438, 45.3164

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.



41.1957, 40.9877, 46.4074



37.3835, 40.9877, 40.1235



39.5277, 40.9877, 51.2581

Square

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



37.3835, 40.9877, 40.1235



37.3510, 40.9877, 49.3566



40.5752, 40.9877, 49.4590



40.6096, 40.9877, 40.2127

Rectangle

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



37.3835, 40.9877, 40.1235



36.7278, 40.9877, 45.1323



40.5752, 40.9877, 49.4590



41.2759, 40.9877, 44.1287

Sweetspot

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



37.3846, 40.9895, 40.1244



71.4122, 76.0419, 80.3101



38.3535, 40.3585, 39.9515



15.8907, 16.9098, 17.8888



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.



37.3846, 40.9895, 40.1244



66.9171, 73.9276, 70.9305



36.7384, 40.6356, 41.0299



8.1466, 9.0642, 8.5336



12.3003, 22.6381, 3.7213



0.4011, 0.6602, 0.1063

Inverse Universe

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



37.1395, 37.4438, 45.3164



66.3965, 66.3996, 81.9538



37.8238, 37.8190, 44.3378



8.0738, 8.0124, 10.0737



10.8318, 4.9439, 29.4279



0.3561, 0.1658, 0.8212

Previews

White Background



This preview shows how the XYZ color 37.3835, 40.9877, 40.1235 looks on a white background.

Color Contrast Check

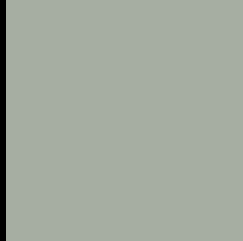
Large Text (above 18pt) WCAG AA × Fail

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 37.3835, 40.9877, 40.1235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

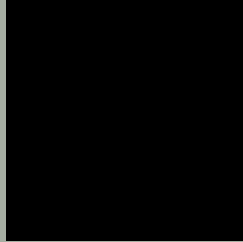
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3835, 40.9877, 40.1235

Background



This preview shows how black text looks on a background with the XYZ color 37.3835, 40.9877, 40.1235.



This preview shows how white text looks on a background with the XYZ color 37.3835, 40.9877,

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

37.3835, 40.9877, 40.1235

Protanopia

39.0395, 41.0110, 39.1160

Deuteranopia

41.8229, 41.0291, 40.8371



Tritanopia

39.5768, 41.0215, 51.1794

Trichromacy



Original Color

37.3835, 40.9877, 40.1235

Protanomaly

38.4191, 40.9625, 39.5999

Deuteranomaly

40.0902, 40.9654, 40.4445

Tritanomaly

38.7374, 40.9645, 46.9395

Monochromacy



Original Color

37.3835, 40.9877, 40.1235

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9001, 40.3509, 42.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3835, 40.9877, 40.1235 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, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(166, 174, 162)  
}
```

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, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.3835, 40.9877, 40.1235 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, 174, 162) }
```


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

```
.border{ border-color:rgb(166, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(166, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3835, 40.9877, 40.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 174, 162) }
```

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

```
.background{ background-color: rgb(166,  
174, 162) }
```

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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