

Converting Colors

XYZ(37.0651, 37.2922, 41.6840)

Have a look what the booklet for
XYZ(37.0651, 37.2922, 41.6840)
contains.

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Color

**XYZ(36.9535, 37.1640,
41.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA1A7
RGB	173, 161, 167
RGB Percent	68%, 63%, 65%
CMY	0.3216, 0.3686, 0.3451
CMYK	0.00, 0.07, 0.03, 0.32
HSL	330°, 7%, 65%
HSV	330°, 7%, 68%
XYZ	36.9535, 37.1640, 41.7849
YIQ	165.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

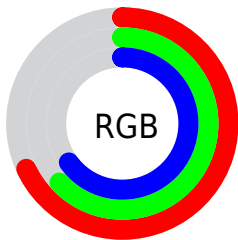
Format	Color
RYB	173, 161, 167
Decimal	11379111
CIELab	67.40, 5.45, -1.55
CIElCh	67, 5.663, 344.152
Yxy	37.1640, 0.3188, 0.3206
Android (android.graphics.Color)	4289569191 (0xFFADA1A7)
YUV	165.2720, 0.8519, 6.7775
Hunter-Lab	60.9623, 1.5173, 2.0349

Details

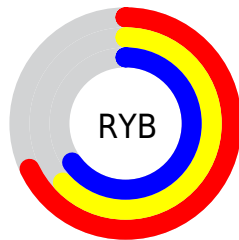
The XYZ color **36.9535, 37.1640, 41.7849** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6180, 40.2552, 42.4013**, and the grayscale version is **35.8899, 37.7590, 41.1195**.

A 20% lighter version of the original color is **69.7356, 70.8796, 79.1129**, and **16.5556, 16.4546, 18.5231** is the 20% darker color. If you saturate the color by 10%, you get **33.3639, 31.2220, 36.7734**, and if you desaturate by 10%, it is **41.0170, 43.9673, 47.2194**.

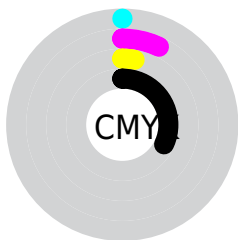
Distribution



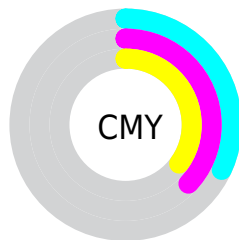
- Red (68%)
- Green (63%)
- Blue (65%)



- Red (68%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9535, 37.1640, 41.7849 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 36.9535, 37.1640, 41.7849 by changing the saturation by 10% instead.

■ 36.9535, 37.1640,
41.7849

■ 36.9535, 37.1640,
41.7849

324.4682,
334.0200, 369.3638

■ 25.3450, 25.3345,
28.6086

■ 69.8156, 70.8249,
79.1405

■ 16.4644, 16.3264,
18.5419

■ 91.7998, 93.4252,
104.1570

■ 9.9463, 9.7554,
11.1663

117.9734,
120.3844, 133.9572

■ 5.4253, 5.2371,
6.0632

148.7016,
152.0871, 168.9597

■ 2.5362, 2.3870,
2.8141

184.3499,
188.9176, 209.5831

■ 0.9136, 0.8192,
1.0005

225.2835,

■ 0.0000, 0.0000,

231.2603, 256.2459

0.0000

271.8678,
279.4997, 309.3666

■ 36.9535, 37.1640,
41.7849

■ 36.9535, 37.1640,
41.7849

■ 33.3639, 31.2220,
36.7734

■ 41.0170, 43.9673,
47.2194

■ 30.2270, 26.1018,
32.1712

■ 45.5684, 51.6595,
53.0851

■ 27.5246, 21.7682,
27.9676

■ 50.6250, 60.2732,
59.3931

■ 25.2357, 18.1814,
24.1500

■ 56.2021, 69.8377,
66.1533

■ 23.3380, 15.2981,
20.7054

■ 62.3147, 80.3812,
73.3751

■ 21.8066, 13.0706,
17.6196

■ 65.7688, 85.5143,
79.9985

■ 20.6136, 11.4451,
14.8773

■ 66.9373, 85.9818,
86.1521

■ 19.7268, 10.3593,
12.4614

■ 68.1660, 86.4732,
92.6222

■ 19.1000, 9.7229,
10.3500

■ 69.4556, 86.9891,
99.4132

Harmonies

Analogous

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



36.4988, 37.1640, 43.9931



36.9535, 37.1640, 41.7849



36.9667, 37.1640, 39.3077

Triad

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



36.9535, 37.1640, 41.7849



34.9167, 37.1640, 36.0046



34.1391, 37.1640, 43.8874

Complementary

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



36.9535, 37.1640, 41.7849



36.6180, 40.2552, 42.4013

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.



33.7293, 37.1640, 41.6454



36.9535, 37.1640, 41.7849



34.1733, 37.1640, 37.1312

Square

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



36.9535, 37.1640, 41.7849



35.7811, 37.1640, 36.0385



33.7417, 37.1640, 39.1737



34.8694, 37.1640, 45.2405

Rectangle

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



36.9535, 37.1640, 41.7849



36.7227, 37.1640, 37.8404



33.7417, 37.1640, 39.1737



33.9598, 37.1640, 43.2088

Sweetspot

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



36.9546, 37.1656, 41.7857



69.6404, 72.3338, 79.5079



36.2254, 36.7241, 44.7149



15.1523, 15.7497, 17.3027



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.



36.9546, 37.1656, 41.7857



65.3639, 65.1979, 73.7139



36.4128, 36.9489, 38.9328



8.1659, 8.0796, 9.1846



13.9377, 7.0376, 7.3174



0.4154, 0.2068, 0.3492

Inverse Universe

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



36.9546, 37.1656, 41.7857



65.3639, 65.1979, 73.7139



37.1855, 40.4822, 45.3896



8.1659, 8.0796, 9.1846



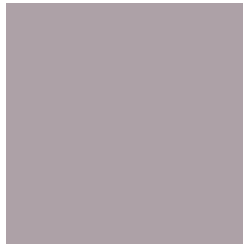
13.9377, 7.0376, 7.3174



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 36.9535, 37.1640, 41.7849 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 36.9535, 37.1640, 41.7849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

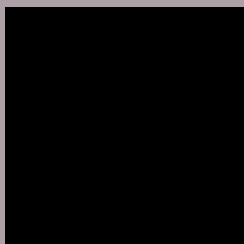
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

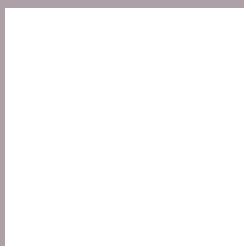
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9535, 37.1640, 41.7849

Background



This preview shows how black text looks on a background with the XYZ color 36.9535, 37.1640, 41.7849.



This preview shows how white text looks on a background with the XYZ color 36.9535, 37.1640,

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

36.9535, 37.1640, 41.7849

Protanopia

35.8910, 37.1285, 42.3207

Deuteranopia

37.7333, 37.0513, 41.7221



Tritanopia

37.5692, 37.1574, 44.7272

Trichromacy



Original Color

36.9535, 37.1640, 41.7849

Protanomaly

36.3504, 37.1028, 42.2915

Deuteranomaly

37.4504, 37.1617, 41.7583

Tritanomaly

37.3771, 37.0806, 43.7154

Monochromacy



Original Color

36.9535, 37.1640, 41.7849

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3068, 37.6289, 41.4259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9535, 37.1640, 41.7849 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(173, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 167)  
}
```

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(173, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.9535, 37.1640, 41.7849 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(173, 161, 167) }
```


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

```
.border{ border-color:rgb(173, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 161, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 161, 167); box-shadow:4px 4px 4px 4px rgb(173, 161, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9535, 37.1640, 41.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 167) }
```

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

```
.background{ background-color: rgb(173,  
161, 167) }
```

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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