

Converting Colors

XYZ(37.3012, 41.9178, 36.3282)

Have a look what the booklet for
XYZ(37.3012, 41.9178, 36.3282)
contains.

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Color

**XYZ(37.1978, 41.8512,
36.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B199
RGB	166, 177, 153
RGB Percent	65%, 69%, 60%
CMY	0.3490, 0.3059, 0.4000
CMYK	0.06, 0.00, 0.14, 0.31
HSL	88°, 13%, 65%
HSV	88°, 14%, 69%
XYZ	37.1978, 41.8512, 36.2545
YIQ	170.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

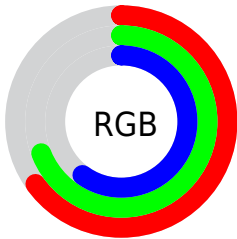
Format	Color
RYB	153, 177, 164
Decimal	10924441
CIELab	70.77, -8.27, 10.98
CIELCh	71, 13.744, 126.986
Yxy	41.8512, 0.3226, 0.3630
Android (android.graphics.Color)	4289114521 (0xFFA6B199)
YUV	170.9750, -8.8617, -4.3631
Hunter-Lab	64.6925, -10.5755, 12.0579

Details

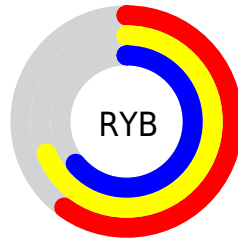
The XYZ color **37.1978, 41.8512, 36.2545** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6385, 33.8504, 46.3054**, and the grayscale version is **38.7398, 40.7573, 44.3847**.

A 20% lighter version of the original color is **70.2202, 78.1550, 70.4159**, and **16.5454, 18.9520, 15.3564** is the 20% darker color. If you saturate the color by 10%, you get **34.1956, 40.4613, 29.0404**, and if you desaturate by 10%, it is **40.5265, 43.3868, 44.6177**.

Distribution



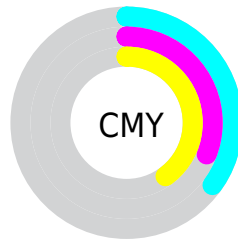
- Red (65%)
- Green (69%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1978, 41.8512, 36.2545 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 37.1978, 41.8512, 36.2545 by changing the saturation by 10% instead.


 37.1978, 41.8512,
36.2545


 37.1978, 41.8512,
36.2545


325.5068,
353.8657, 345.1425

 25.5351, 28.9848,
24.3396

 70.1888, 77.9744,
70.5982

 16.6070, 19.0693,
15.3712


 92.2477, 101.9999,
93.8640

 10.0482, 11.7204,
8.9308

118.5027,
130.5140, 121.7505

 5.4935, 6.5536,
4.5999

149.3192,
163.9010, 154.6762

 2.5773, 3.1845,
1.9599

185.0625,
202.5452, 193.0598

 0.9344, 1.2288,
0.5304

226.0979,

 0.0000, 0.0850,

246.8312, 237.3197

0.0000

272.7909,
297.1432, 287.8744

■ 0.0000, 0.0000,
0.0000

■ 37.1978, 41.8512,
36.2545

■ 37.1978, 41.8512,
36.2545

■ 34.1956, 40.4613,
29.0404

■ 40.5265, 43.3868,
44.6177

■ 31.5051, 39.2070,
22.9225

■ 44.1891, 45.0672,
54.1744

■ 29.1152, 38.0847,
17.8478

■ 48.1972, 46.8986,
64.9700

■ 27.0126, 37.0892,
13.7577

■ 52.5604, 48.8852,
77.0466

■ 25.1830, 36.2142,
10.5881

■ 57.2882, 51.0308,
90.4444

■ 23.6106, 35.4534,
8.2669

■ 61.7053, 53.0656,
101.5982

■ 22.2774, 34.7992,
6.7115

■ 64.1430, 54.3223,
101.7123

■ 21.1623, 34.2428,
5.8230

■ 66.7005, 55.6407,
101.8320

■ 20.5323, 33.9253,
5.4661

■ 69.3794, 57.0217,
101.9573

Harmonies

Analogous

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



39.2473, 41.8512, 34.2045



37.1978, 41.8512, 36.2545



35.8768, 41.8512, 40.8327

Triad

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



37.1978, 41.8512, 36.2545



38.0883, 41.8512, 58.1341



44.2920, 41.8512, 44.0583

Complementary

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



37.1978, 41.8512, 36.2545



34.6385, 33.8504, 46.3054

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.



43.9529, 41.8512, 50.6577



37.1978, 41.8512, 36.2545



40.3141, 41.8512, 59.2069

Square

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



37.1978, 41.8512, 36.2545



36.3770, 41.8512, 53.5504



42.4755, 41.8512, 56.3557



43.3852, 41.8512, 38.4226

Rectangle

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



37.1978, 41.8512, 36.2545



35.5576, 41.8512, 44.9116



42.4755, 41.8512, 56.3557



44.3205, 41.8512, 46.2325

Sweetspot

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



37.1989, 41.8530, 36.2554



72.2609, 77.5545, 79.0935



37.1225, 38.1279, 35.5404



15.5606, 16.7615, 16.8867



84.5950, 89.0005, 96.9216



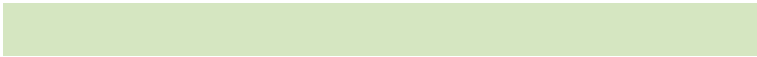
16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.1989, 41.8530, 36.2554



65.1030, 74.2525, 61.2244



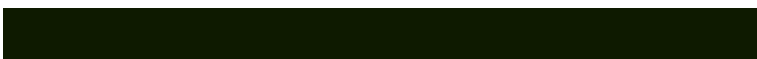
34.8377, 40.6357, 36.1449



8.8140, 9.7092, 9.0620



14.9463, 24.6152, 3.9635



0.5366, 0.8087, 0.1278

Inverse Universe

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



34.6385, 33.8504, 46.3054



59.7025, 57.3728, 82.4227



37.1879, 35.1647, 46.4247



8.3997, 8.4146, 10.6878



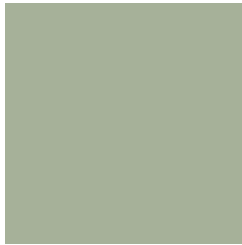
8.2855, 3.6071, 30.3965



0.3282, 0.1483, 0.9596

Previews

White Background



This preview shows how the XYZ color 37.1978, 41.8512, 36.2545 looks on a white background.

Color Contrast Check

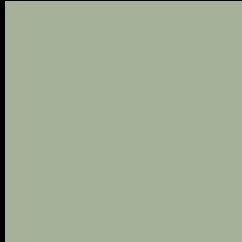
Large Text (above 18pt) WCAG AA × Fail

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 37.1978, 41.8512, 36.2545 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

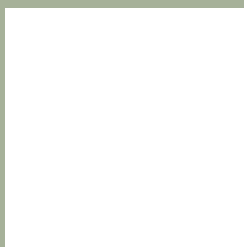
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1978, 41.8512, 36.2545

Background



This preview shows how black text looks on a background with the XYZ color 37.1978, 41.8512, 36.2545.



This preview shows how white text looks on a background with the XYZ color 37.1978, 41.8512,

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

37.1978, 41.8512, 36.2545

Protanopia

39.3945, 41.5632, 35.2243

Deuteranopia

42.5001, 41.7398, 36.8269



Tritanopia

40.4100, 41.7081, 52.3750

Trichromacy



Original Color

37.1978, 41.8512, 36.2545

Protanomaly

38.7080, 41.7692, 35.7279

Deuteranomaly

40.4032, 41.7732, 36.5054

Tritanomaly

39.1382, 41.7631, 46.0427

Monochromacy



Original Color

37.1978, 41.8512, 36.2545

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0066, 41.0025, 41.0331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1978, 41.8512, 36.2545 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, 177, 153)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 153)  
}
```

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, 177, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.1978, 41.8512, 36.2545 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, 177, 153) }
```


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

```
.border{ border-color:rgb(166, 177, 153) }
```

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

Here you see how a box with a 4 pixel rgb(166, 177, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1978, 41.8512, 36.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 153) }
```

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

```
.background{ background-color: rgb(166,  
177, 153) }
```

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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