

Converting Colors

XYZ(36.7749, 41.0289, 34.1910)

Have a look what the booklet for
XYZ(36.7749, 41.0289, 34.1910)
contains.

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Color

**XYZ(36.8237, 41.1229,
34.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AF94
RGB	168, 175, 148
RGB Percent	66%, 69%, 58%
CMY	0.3412, 0.3137, 0.4196
CMYK	0.04, 0.00, 0.15, 0.31
HSL	76°, 14%, 63%
HSV	76°, 15%, 69%
XYZ	36.8237, 41.1229, 34.0137
YIQ	169.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

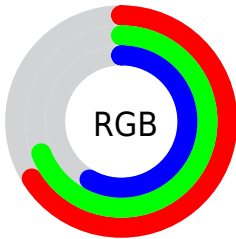
Format	Color
RYB	148, 175, 155
Decimal	11054996
CIELab	70.26, -7.32, 13.02
CIELCh	70, 14.938, 119.330
Yxy	41.1229, 0.3289, 0.3673
Android (android.graphics.Color)	4289245076 (0xFFA8AF94)
YUV	169.8290, -10.7617, -1.6040
Hunter-Lab	64.1271, -9.7225, 13.4410

Details

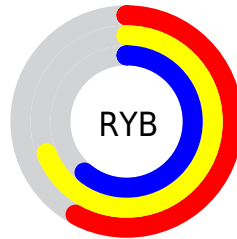
The XYZ color **36.8237, 41.1229, 34.0137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.8470, 31.2447, 44.9120**, and the grayscale version is **38.1746, 40.1626, 43.7371**.

A 20% lighter version of the original color is **69.6680, 77.1041, 67.0878**, and **16.4431, 18.7420, 14.0602** is the 20% darker color. If you saturate the color by 10%, you get **34.5927, 40.1222, 27.2170**, and if you desaturate by 10%, it is **39.3001, 42.2284, 41.9169**.

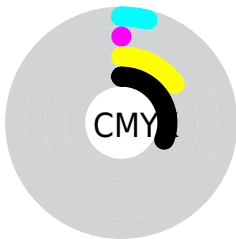
Distribution



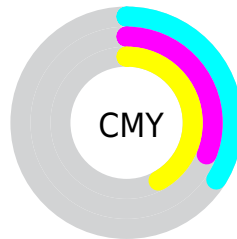
- Red (66%)
- Green (69%)
- Blue (58%)



- Red (58%)
- Yellow (69%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)





- Cyan (34%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8237, 41.1229, 34.0137 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 36.8237, 41.1229, 34.0137 by changing the saturation by 10% instead.


 36.8237, 41.1229,
34.0137


 36.8237, 41.1229,
34.0137


323.9154,
350.8340, 334.9642

 25.2441, 28.4151,
22.6267


 69.6171, 76.8704,
67.0891

 16.3887, 18.6388,
14.1154


 91.5617, 100.6790,
89.6146

 9.8922, 11.4096,
8.0613

117.6919,
128.9566, 116.6900

 5.3893, 6.3430,
4.0459

148.3731,
162.0876, 148.7338

 2.5145, 3.0548,
1.6505

183.9707,
200.4565, 186.1645

 0.9026, 1.1604,
0.3265

224.8501,

 0.0000, 0.0290,

244.4475, 229.4008

0.0000

271.3765,
294.4453, 278.8612

■ 0.0000, 0.0000,
0.0000

■ 36.8237, 41.1229,
34.0137

■ 36.8237, 41.1229,
34.0137

■ 34.5927, 40.1222,
27.2170

■ 39.3001, 42.2284,
41.9169

■ 32.5942, 39.2169,
21.4747

■ 42.0277, 43.4370,
50.9701

■ 30.8187, 38.4047,
16.7346

■ 45.0163, 44.7540,
61.2180

■ 29.2549, 37.6809,
12.9389

■ 48.2740, 46.1826,
72.7017

■ 27.8905, 37.0407,
10.0241

■ 51.8087, 47.7260,
85.4608

■ 26.7115, 36.4783,
7.9186

■ 55.6277, 49.3872,
99.5327

■ 25.7019, 35.9872,
6.5397

■ 57.1401, 50.1300,
101.2722

■ 24.8415, 35.5595,
5.7841

■ 58.3687, 50.7634,
101.3297

■ 24.4775, 35.3769,
5.5383

■ 59.6337, 51.4155,
101.3889

Harmonies

Analogous

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



39.1412, 41.1229, 32.5949



36.8237, 41.1229, 34.0137



35.1727, 41.1229, 38.2405

Triad

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



36.8237, 41.1229, 34.0137



36.7320, 41.1229, 57.4113



43.9883, 41.1229, 44.9339

Complementary

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



36.8237, 41.1229, 34.0137



31.8470, 31.2447, 44.9120

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.



43.2795, 41.1229, 52.0164



36.8237, 41.1229, 34.0137



39.0310, 41.1229, 59.6665

Square

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



36.8237, 41.1229, 34.0137



35.1213, 41.1229, 51.7148



41.4393, 41.1229, 57.5978



43.3386, 41.1229, 38.4871

Rectangle

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



36.8237, 41.1229, 34.0137



34.6371, 41.1229, 42.3239



41.4393, 41.1229, 57.5978



43.9006, 41.1229, 47.3207

Sweetspot

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



36.8248, 41.1247, 34.0146



70.5413, 75.6965, 75.5896



34.7057, 34.6129, 32.8694



15.6073, 16.7927, 16.5684



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.



36.8248, 41.1247, 34.0146



64.3390, 72.9276, 55.9392



34.1463, 39.7439, 33.8892



8.4569, 9.2241, 8.5481



17.5877, 25.3639, 3.9687



0.5365, 0.7300, 0.1126

Inverse Universe

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



31.8470, 31.2447, 44.9120



53.4726, 51.3574, 79.7315



34.5309, 32.6283, 45.0376



7.7664, 7.8539, 10.0593



6.3789, 2.6483, 29.2195



0.2287, 0.1001, 0.8153

Previews

White Background



This preview shows how the XYZ color 36.8237, 41.1229, 34.0137 looks on a white background.

Color Contrast Check

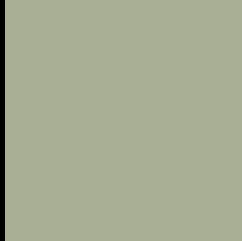
Large Text (above 18pt) WCAG AA × Fail

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 36.8237, 41.1229, 34.0137 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

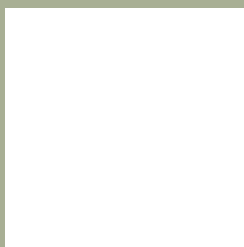
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8237, 41.1229, 34.0137

Background



This preview shows how black text looks on a background with the XYZ color 36.8237, 41.1229, 34.0137.



This preview shows how white text looks on a background with the XYZ color 36.8237, 41.1229,

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

36.8237, 41.1229, 34.0137

Protanopia

38.8073, 41.0249, 33.0674

Deuteranopia

41.7251, 40.8480, 34.5395



Tritanopia

40.1555, 41.0526, 50.6073

Trichromacy



Original Color

36.8237, 41.1229, 34.0137

Protanomaly

37.9235, 40.8417, 33.4882

Deuteranomaly

39.8625, 40.9850, 34.2437

Tritanomaly

38.8028, 41.0653, 43.9115

Monochromacy



Original Color

36.8237, 41.1229, 34.0137

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6363, 40.5487, 40.0255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8237, 41.1229, 34.0137 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(168, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 175, 148)  
}
```

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(168, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 175, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.8237, 41.1229, 34.0137 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(168, 175, 148) }
```


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

```
.border{ border-color:rgb(168, 175, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 175,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8237, 41.1229, 34.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 175, 148) }
```

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

```
.background{ background-color: rgb(168,  
175, 148) }
```

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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