

Converting Colors

XYZ(36.5014, 41.8540, 37.1227)

Have a look what the booklet for
XYZ(36.5014, 41.8540, 37.1227)
contains.

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Color

**XYZ(36.5347, 41.7844,
37.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B29B
RGB	161, 178, 155
RGB Percent	63%, 70%, 61%
CMY	0.3686, 0.3019, 0.3922
CMYK	0.10, 0.00, 0.13, 0.30
HSL	104°, 13%, 65%
HSV	104°, 13%, 70%
XYZ	36.5347, 41.7844, 37.1500
YIQ	170.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

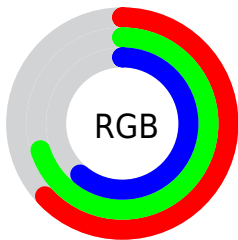
Format	Color
RYB	155, 178, 172
Decimal	10597019
CIELab	70.72, -10.26, 9.77
CIELCh	71, 14.163, 136.399
Yxy	41.7844, 0.3164, 0.3619
Android (android.graphics.Color)	4288787099 (0xFFA1B29B)
YUV	170.2950, -7.5404, -8.1517
Hunter-Lab	64.6409, -12.2342, 11.1738

Details

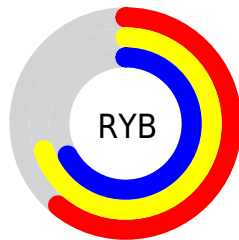
The XYZ color **36.5347, 41.7844, 37.1500** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7722, 35.4289, 47.0220**, and the grayscale version is **38.3940, 40.3935, 43.9885**.

A 20% lighter version of the original color is **69.2503, 78.0480, 71.7365**, and **16.1390, 18.9179, 15.8976** is the 20% darker color. If you saturate the color by 10%, you get **32.6353, 39.9356, 29.7309**, and if you desaturate by 10%, it is **40.9358, 43.8688, 45.7447**.

Distribution



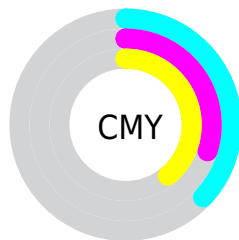
- Red (63%)
- Green (70%)
- Blue (61%)



- Red (61%)
- Yellow (70%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5347, 41.7844, 37.1500 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 36.5347, 41.7844, 37.1500 by changing the saturation by 10% instead.

■ 36.5347, 41.7844,
37.1500

■ 36.5347, 41.7844,
37.1500

322.6822,
353.5884, 349.1477

■ 25.0195, 28.9325,
25.0270

■ 69.1751, 77.8732,
71.9923

■ 16.2204, 19.0298,
15.8779

■ 91.0309, 101.8789,
95.5487

■ 9.7721, 11.6918,
9.2844

117.0643,
130.3714, 123.7532

■ 5.3092, 6.5342,
4.8278

147.6406,
163.7350, 157.0245

■ 2.4664, 3.1725,
2.0896

183.1252,
202.3541, 195.7811

■ 0.8783, 1.2225,
0.6096

223.8834,

■ 0.0000, 0.0799,

246.6131, 240.4414

0.0000

270.2807,
296.8964, 291.4241

■ 0.0000, 0.0000,
0.0000

■ 36.5347, 41.7844,
37.1500

■ 36.5347, 41.7844,
37.1500

■ 32.6353, 39.9356,
29.7309

■ 40.9358, 43.8688,
45.7447

■ 29.2162, 38.3088,
23.4337

■ 45.8526, 46.1913,
55.5602

■ 26.2589, 36.8970,
18.2045

■ 51.3024, 48.7612,
66.6426

■ 23.7429, 35.6907,
13.9841

■ 57.3010, 51.5855,
79.0347

■ 21.6458, 34.6800,
10.7072

■ 63.8634, 54.6712,
92.7774

■ 19.9431, 33.8537,
8.3012

■ 69.8889, 57.5787,
102.0380

■ 18.6075, 33.1996,
6.6826

■ 74.5180, 59.9651,
102.2546

■ 17.6075, 32.7037,
5.7518

■ 75.2112, 60.3224,
102.2871

■ 17.0672, 32.4332,
5.3607

Harmonies

Analogous

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



38.4540, 41.7844, 34.1865



36.5347, 41.7844, 37.1500



35.4868, 41.7844, 42.5231

Triad

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



36.5347, 41.7844, 37.1500



38.6627, 41.7844, 59.2542



44.2047, 41.7844, 41.9429

Complementary

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



36.5347, 41.7844, 37.1500



36.7722, 35.4289, 47.0220

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.



44.2660, 41.7844, 48.6046



36.5347, 41.7844, 37.1500



41.0030, 41.7844, 59.0596

Square

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



36.5347, 41.7844, 37.1500



36.6823, 41.7844, 55.5151



43.0743, 41.7844, 55.0070



42.9100, 41.7844, 36.7615

Rectangle

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



36.5347, 41.7844, 37.1500



35.3955, 41.7844, 46.9522



43.0743, 41.7844, 55.0070



44.3719, 41.7844, 44.0704

Sweetspot

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



36.5358, 41.7862, 37.1509



73.2689, 79.0945, 81.0532



39.0054, 41.2877, 36.9245



16.0951, 17.4583, 17.6863



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.5358, 41.7862, 37.1509



63.7803, 74.6010, 62.6214



35.8166, 41.3621, 39.5231



8.5899, 9.5937, 9.0516



12.2626, 23.2316, 3.8379



0.4417, 0.7597, 0.1234

Inverse Universe

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



36.7722, 35.4289, 47.0220



64.3069, 60.4119, 84.6525



37.5904, 35.9118, 44.3016



8.6294, 8.5330, 10.6985



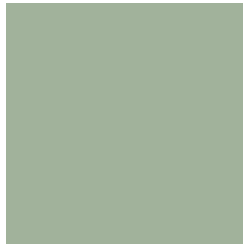
12.5723, 5.8170, 30.5972



0.4465, 0.2093, 0.9651

Previews

White Background



This preview shows how the XYZ color 36.5347, 41.7844, 37.1500 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 36.5347, 41.7844, 37.1500 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 36.5347, 41.7844, 37.1500

Background



This preview shows how black text looks on a background with the XYZ color 36.5347, 41.7844, 37.1500.



This preview shows how white text looks on a background with the XYZ color 36.5347, 41.7844,

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

36.5347, 41.7844, 37.1500

Protanopia

39.4761, 41.5958, 35.6539

Deuteranopia

42.4102, 41.6739, 37.7069



Tritanopia

39.6391, 41.5820, 52.9506

Trichromacy



Original Color

36.5347, 41.7844, 37.1500

Protanomaly

38.3414, 41.5707, 36.1401

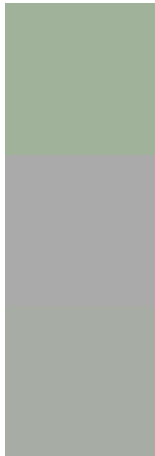
Deuteranomaly

40.0921, 41.5934, 37.3677

Tritanomaly

38.3777, 41.6476, 46.5735

Monochromacy



Original Color

36.5347, 41.7844, 37.1500

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6715, 40.8192, 41.4907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5347, 41.7844, 37.1500 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(161, 178, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 178, 155)  
}
```

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(161, 178, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 178, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.5347, 41.7844, 37.1500 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(161, 178, 155) }
```


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

```
.border{ border-color:rgb(161, 178, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 178, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 178, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 178, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 178,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5347, 41.7844, 37.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 178, 155) }
```

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

```
.background{ background-color: rgb(161,  
178, 155) }
```

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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