

Converting Colors

XYZ(34.0778, 37.7967, 19.4098)

Have a look what the booklet for
XYZ(34.0778, 37.7967, 19.4098)
contains.

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Color

**XYZ(34.1518, 37.8129,
19.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA76B
RGB	175, 167, 107
RGB Percent	69%, 65%, 42%
CMY	0.3137, 0.3451, 0.5804
CMYK	0.00, 0.05, 0.39, 0.31
HSL	53°, 30%, 55%
HSV	53°, 39%, 69%
XYZ	34.1518, 37.8129, 19.4086
YIQ	162.5520, 24.0280, -16.9640

Conversions

Conversions Part 2

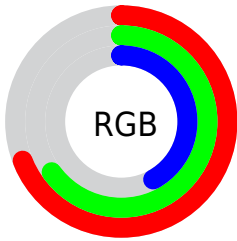
Format	Color
RYB	116, 175, 107
Decimal	11511659
CIELab	67.88, -6.10, 32.07
CIELCh	68, 32.642, 100.768
Yxy	37.8129, 0.3738, 0.4138
Android (android.graphics.Color)	4289701739 (0xFFAFA76B)
YUV	162.5520, -27.3871, 10.9169
Hunter-Lab	61.4922, -8.4752, 24.3310

Details

The XYZ color **34.1518, 37.8129, 19.4086** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9320, 18.4821, 43.0745**, and the grayscale version is **34.7194, 36.5275, 39.7784**.

A 20% lighter version of the original color is **65.6580, 71.9016, 43.2187**, and **14.7796, 16.6319, 6.4343** is the 20% darker color. If you saturate the color by 10%, you get **32.9491, 36.7347, 14.9160**, and if you desaturate by 10%, it is **35.5487, 38.9811, 24.8861**.

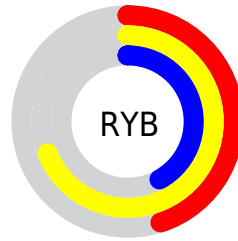
Distribution



Red (69%)

Green (65%)

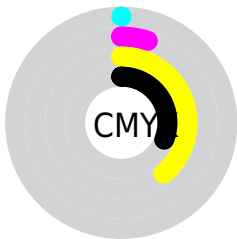
Blue (42%)



Red (45%)

Yellow (69%)

Blue (42%)

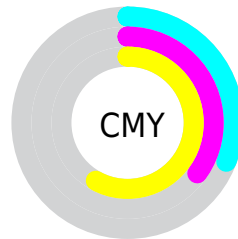


Cyan (0%)

Magenta (5%)

Yellow (39%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1518, 37.8129, 19.4086 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 34.1518, 37.8129, 19.4086 by changing the saturation by 10% instead.

■ 34.1518, 37.8129,
19.4086

■ 34.1518, 37.8129,
19.4086

312.3824,
336.8167, 261.1928

■ 23.1737, 25.8375,
11.7861

■ 65.5124, 71.8213,
43.2693

■ 14.8432, 16.7021,
6.4774

■ 86.6256, 94.6230,
60.3445

■ 8.7950, 10.0223,
3.0641

■ 111.8478,
121.8024, 81.4077

■ 4.6638, 5.4138,
1.1274

■ 141.5445,
153.7437, 106.8775

■ 2.0841, 2.4920,
0.0000

176.0809,
190.8314, 137.1724

■ 0.6805, 0.8726,
0.0000

215.8225,

■ 0.0000, 0.0000,

233.4499, 172.7108

0.0000

261.1345,
281.9835, 213.9114

■ 34.1518, 37.8129,
19.4086

■ 34.1518, 37.8129,
19.4086

■ 32.9491, 36.7347,
14.9160

■ 35.5487, 38.9811,
24.8861

■ 31.9265, 35.7368,
11.3464

■ 37.1475, 40.2382,
31.4009

■ 31.0723, 34.8158,
8.6346

■ 38.9586, 41.5901,
39.0041

■ 30.3724, 33.9659,
6.7057

■ 40.9912, 43.0402,
47.7432

■ 29.8100, 33.1805,
5.4721

■ 43.2536, 44.5920,
57.6625

■ 29.3547, 32.4472,
4.7733

■ 45.7538, 46.2488,
68.8042

■ 29.3047, 32.3648,
4.7025

■ 48.4995, 48.0136,
81.2083

■ 51.4981, 49.8894,
94.9129

■ 53.1882, 51.2519,
101.6970

Harmonies

Analogous

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



39.2426, 37.8129, 20.0607



34.1518, 37.8129, 19.4086



29.9510, 37.8129, 23.4619

Triad

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



34.1518, 37.8129, 19.4086



29.0604, 37.8129, 62.1910



45.9367, 37.8129, 51.0539

Complementary

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



34.1518, 37.8129, 19.4086



19.9320, 18.4821, 43.0745

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.



42.6785, 37.8129, 66.0998



34.1518, 37.8129, 19.4086



32.8282, 37.8129, 73.5018

Square

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



34.1518, 37.8129, 19.4086



27.2004, 37.8129, 46.6033



37.7896, 37.8129, 75.0799



46.3759, 37.8129, 36.1797

Rectangle

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



34.1518, 37.8129, 19.4086



28.0972, 37.8129, 29.0034



37.7896, 37.8129, 75.0799



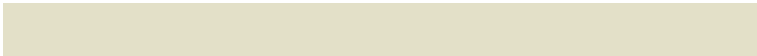
45.1213, 37.8129, 56.3413

Sweetspot

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



34.1527, 37.8146, 19.4094



68.6428, 73.6554, 65.0688



26.0935, 20.8924, 19.2012



15.1641, 16.3020, 14.0729



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.



34.1527, 37.8146, 19.4094



59.2199, 65.9852, 27.4748



30.5741, 38.2121, 19.6747



8.5811, 9.1670, 8.5305



21.0152, 23.2359, 3.3774



0.6068, 0.6908, 0.1014

Inverse Universe

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



19.9320, 18.4821, 43.0745



30.0071, 26.2842, 76.1287



22.5013, 18.5112, 42.9447



7.6520, 7.9033, 10.0749



5.7527, 2.6392, 29.2507



0.1834, 0.1202, 0.8215

Previews

White Background



This preview shows how the XYZ color 34.1518, 37.8129, 19.4086 looks on a white background.

Color Contrast Check

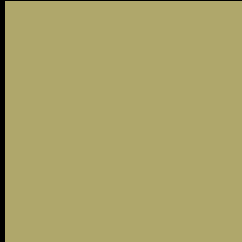
Large Text (above 18pt) WCAG AA × Fail

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 34.1518, 37.8129, 19.4086 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 34.1518, 37.8129, 19.4086

Background



This preview shows how black text looks on a background with the XYZ color 34.1518, 37.8129, 19.4086.



This preview shows how white text looks on a background with the XYZ color 34.1518, 37.8129,

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

34.1518, 37.8129, 19.4086

Protanopia

34.8790, 37.6542, 19.0653

Deuteranopia

38.5404, 37.7000, 19.7135



Tritanopia

39.1359, 37.7199, 44.2477

Trichromacy



Original Color

34.1518, 37.8129, 19.4086

Protanomaly

34.5978, 37.7780, 19.1041

Deuteranomaly

36.6868, 37.5196, 19.4958

Tritanomaly

36.8560, 37.5625, 33.3247

Monochromacy



Original Color

34.1518, 37.8129, 19.4086

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.1697, 36.7496, 31.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1518, 37.8129, 19.4086 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(175, 167, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 107)  
}
```

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(175, 167, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 107) }
```

Border

The CSS property to change the border of an element to XYZ 34.1518, 37.8129, 19.4086 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(175, 167, 107) }
```


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

```
.border{ border-color:rgb(175, 167, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1518, 37.8129, 19.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 107) }
```

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

```
.background{ background-color: rgb(175,  
167, 107) }
```

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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