

Converting Colors

XYZ(34.1347, 37.0959, 14.8123)

Have a look what the booklet for
XYZ(34.1347, 37.0959, 14.8123)
contains.

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Color

**XYZ(34.1347, 37.0959,
14.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A459
RGB	181, 164, 89
RGB Percent	71%, 64%, 35%
CMY	0.2902, 0.3568, 0.6510
CMYK	0.00, 0.09, 0.51, 0.29
HSL	49°, 38%, 53%
HSV	49°, 51%, 71%
XYZ	34.1347, 37.0959, 14.8123
YIQ	160.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

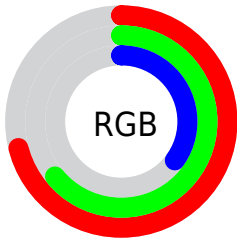
Format	Color
RYB	110, 181, 89
Decimal	11904089
CIELab	67.35, -3.86, 40.84
CIELCh	67, 41.026, 95.396
Yxy	37.0959, 0.3967, 0.4311
Android (android.graphics.Color)	4290094169 (0xFFB5A459)
YUV	160.5330, -35.2658, 17.9496
Hunter-Lab	60.9064, -6.5467, 28.2153

Details

The XYZ color **34.1347, 37.0959, 14.8123** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17.6143, 15.7677, 45.8311**, and the grayscale version is **33.8076, 35.5682, 38.7338**.

A 20% lighter version of the original color is **65.7358, 70.9368, 35.4268**, and **14.8923, 16.3991, 4.3879** is the 20% darker color. If you saturate the color by 10%, you get **32.8759, 35.6488, 11.0929**, and if you desaturate by 10%, it is **35.5979, 38.6527, 19.5226**.

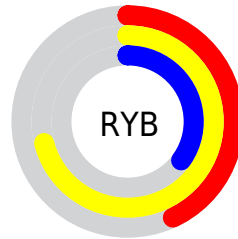
Distribution



Red (71%)

Green (64%)

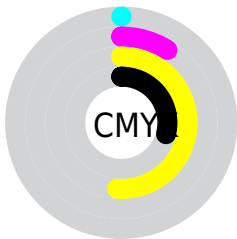
Blue (35%)



Red (43%)

Yellow (71%)

Blue (35%)

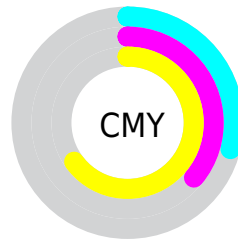


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (29%)



Cyan (29%)

Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1347, 37.0959, 14.8123 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 34.1347, 37.0959, 14.8123 by changing the saturation by 10% instead.


 34.1347, 37.0959,
14.8123


 34.1347, 37.0959,
14.8123


312.3076,
333.7255, 233.8288


 23.1605, 25.2818,
8.5426


 65.4860, 70.7203,
35.2612


 14.8334, 16.2871,
4.3514


 86.5938, 93.2993,
50.2775

 8.7881, 9.7275,
1.8200


 111.8101,
120.2353, 69.0464

 4.6592, 5.2187,
0.4411

 141.5003,
151.9128, 91.9864

 2.0814, 2.3761,
0.0000

176.0299,
188.7162, 119.5161

 0.6791, 0.8136,
0.0000

215.7640,

 0.0000, 0.0000,

231.0299, 152.0541

0.0000

261.0681,
279.2382, 190.0188

■ 34.1347, 37.0959,
14.8123

■ 34.1347, 37.0959,
14.8123

■ 32.8759, 35.6488,
11.0929

■ 35.5979, 38.6527,
19.5226

■ 31.8048, 34.3004,
8.2887

■ 37.2755, 40.3192,
25.2875

■ 30.9062, 33.0458,
6.3166

■ 39.1799, 42.1020,
32.1682

■ 30.1613, 31.8772,
5.0774

■ 41.3218, 44.0056,
40.2204

■ 29.5775, 30.8667,
4.3990

■ 43.7113, 46.0341,
49.4961

■ 46.3576, 48.1914,
60.0443

■ 49.2698, 50.4814,
71.9110

■ 52.4562, 52.9075,
85.1403

■ 55.9248, 55.4731,
99.7739

Harmonies

Analogous

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



40.5304, 37.0959, 16.3962



34.1347, 37.0959, 14.8123



28.7146, 37.0959, 18.2453

Triad

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



34.1347, 37.0959, 14.8123



26.3003, 37.0959, 63.9248



47.4206, 37.0959, 56.5733

Complementary

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



34.1347, 37.0959, 14.8123



17.6143, 15.7677, 45.8311

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.



42.7281, 37.0959, 75.6619



34.1347, 37.0959, 14.8123



30.4649, 37.0959, 80.7142

Square

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



34.1347, 37.0959, 14.8123



24.5484, 37.0959, 43.7327



36.4068, 37.0959, 85.5471



48.7030, 37.0959, 37.2243

Rectangle

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



34.1347, 37.0959, 14.8123



26.2215, 37.0959, 23.7587



36.4068, 37.0959, 85.5471



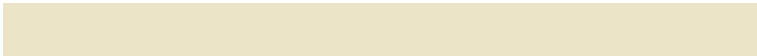
46.1646, 37.0959, 63.3937

Sweetspot

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



34.1356, 37.0976, 14.8131



72.2562, 77.2781, 65.3906



25.3036, 18.0389, 16.1692



15.4462, 16.5503, 13.4917



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.



34.1356, 37.0976, 14.8131



58.6344, 63.5494, 19.1855



31.5397, 40.5804, 15.6221



9.0609, 9.6344, 9.0346



20.4370, 21.3726, 3.0482



0.6777, 0.7417, 0.1074

Inverse Universe

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



17.6143, 15.7677, 45.8311



25.7712, 21.1650, 81.0216



19.1957, 14.2356, 45.4521



8.1648, 8.4758, 10.7120



6.1713, 3.1430, 30.4184



0.2320, 0.1746, 0.9697

Previews

White Background



This preview shows how the XYZ color 34.1347, 37.0959, 14.8123 looks on a white background.

Color Contrast Check

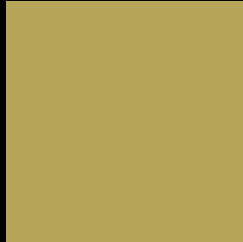
Large Text (above 18pt) WCAG AA × Fail

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 34.1347, 37.0959, 14.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

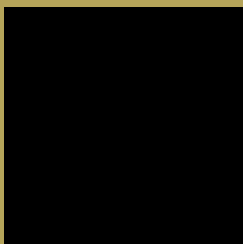
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

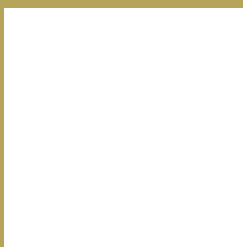
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1347, 37.0959, 14.8123

Background



This preview shows how black text looks on a background with the XYZ color 34.1347, 37.0959, 14.8123.



This preview shows how white text looks on a background with the XYZ color 34.1347, 37.0959,

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

34.1347, 37.0959, 14.8123

Protanopia

34.1347, 37.0959, 14.8123

Deuteranopia

37.5962, 36.8116, 15.0213



Tritanopia

39.6827, 37.0515, 41.6194

Trichromacy



Original Color

34.1347, 37.0959, 14.8123

Protanomaly

34.1347, 37.0959, 14.8123

Deuteranomaly

36.2359, 36.8719, 14.8800

Tritanomaly

37.1368, 36.7569, 29.5636

Monochromacy



Original Color

34.1347, 37.0959, 14.8123

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.4420, 35.9148, 28.0913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1347, 37.0959, 14.8123 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(181, 164, 89)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 89)  
}
```

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(181, 164, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 89) }
```

Border

The CSS property to change the border of an element to XYZ 34.1347, 37.0959, 14.8123 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(181, 164, 89) }
```


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

```
.border{ border-color:rgb(181, 164, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 89);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1347, 37.0959, 14.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 89) }
```

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

```
.background{ background-color: rgb(181,  
164, 89) }
```

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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