

Converting Colors

XYZ(34.0970, 36.1652, 14.4443)

Have a look what the booklet for
XYZ(34.0970, 36.1652, 14.4443)
contains.

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Color

**XYZ(34.2735, 36.3847,
14.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A158
RGB	184, 161, 88
RGB Percent	72%, 63%, 35%
CMY	0.2784, 0.3686, 0.6549
CMYK	0.00, 0.12, 0.52, 0.28
HSL	46°, 40%, 53%
HSV	46°, 52%, 72%
XYZ	34.2735, 36.3847, 14.4491
YIQ	159.5550, 37.1410, -17.8270

Conversions

Conversions Part 2

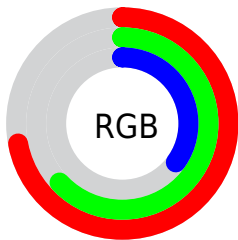
Format	Color
RYB	118, 184, 88
Decimal	12099928
CIELab	66.81, -1.07, 40.77
CIElCh	67, 40.781, 91.499
Yxy	36.3847, 0.4027, 0.4275
Android (android.graphics.Color)	4290290008 (0xFFB8A158)
YUV	159.5550, -35.2766, 21.4383
Hunter-Lab	60.3197, -4.1363, 28.0214

Details

The XYZ color **34.2735, 36.3847, 14.4491** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.3605, 16.9037, 47.6423**, and the grayscale version is **33.3547, 35.0918, 38.2149**.

A 20% lighter version of the original color is **65.9074, 69.8824, 34.8259**, and **14.9954, 15.9655, 4.2108** is the 20% darker color. If you saturate the color by 10%, you get **32.8491, 34.6055, 10.6769**, and if you desaturate by 10%, it is **35.9192, 38.2986, 19.2448**.

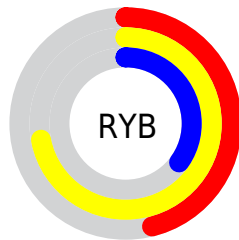
Distribution



Red (72%)

Green (63%)

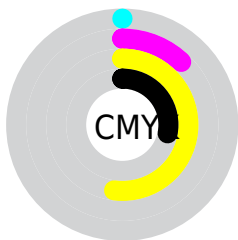
Blue (35%)



Red (46%)

Yellow (72%)

Blue (35%)

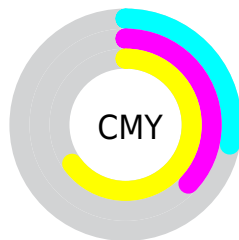


Cyan (0%)

Magenta (12%)

Yellow (52%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2735, 36.3847, 14.4491 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 34.2735, 36.3847, 14.4491 by changing the saturation by 10% instead.

■ 34.2735, 36.3847,
14.4491

■ 34.2735, 36.3847,
14.4491

312.9144,
330.6389, 231.5318

■ 23.2677, 24.7315,
8.2914

■ 65.7002, 69.6254,
34.6123

■ 14.9131, 15.8771,
4.1915

■ 86.8518, 91.9817,
49.4549

■ 8.8443, 9.4372,
1.7310

■ 112.1161,
118.6744, 68.0295

■ 4.6961, 5.0274,
0.3818

■ 141.8583,
150.0880, 90.7547

■ 2.1030, 2.2634,
0.0000

■ 176.4439,
186.6069, 118.0489

■ 0.6908, 0.7542,
0.0000

216.2382,

■ 0.0000, 0.0000,

228.6154, 150.3309

0.0000

261.6066,
276.4979, 188.0190

■ 34.2735, 36.3847,
14.4491

■ 34.2735, 36.3847,
14.4491

■ 32.8491, 34.6055,
10.6769

■ 35.9192, 38.2986,
19.2448

■ 31.6282, 32.9494,
7.8483

■ 37.7971, 40.3479,
25.1316

■ 30.5947, 31.4107,
5.8747

■ 39.9203, 42.5396,
32.1739

■ 29.7280, 29.9809,
4.6500

■ 42.3003, 44.8788,
40.4303

■ 29.1343, 28.9247,
4.0475

■ 44.9477, 47.3700,
49.9555

■ 47.8724, 50.0178,
60.8008

■ 51.0840, 52.8262,
73.0148

■ 54.5913, 55.7994,
86.6434

■ 58.4030, 58.9410,
101.7307

Harmonies

Analogous

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



40.5526, 36.3847, 16.6461



34.2735, 36.3847, 14.4491



28.7519, 36.3847, 17.1492

Triad

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



34.2735, 36.3847, 14.4491



25.4286, 36.3847, 60.1314



46.0800, 36.3847, 58.1233

Complementary

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



34.2735, 36.3847, 14.4491



18.3605, 16.9037, 47.6423

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.



41.1526, 36.3847, 76.1824



34.2735, 36.3847, 14.4491



29.2293, 36.3847, 77.5635

Square

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



34.2735, 36.3847, 14.4491



24.0353, 36.3847, 40.5112



34.8935, 36.3847, 84.1628



47.8364, 36.3847, 38.7356

Rectangle

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



34.2735, 36.3847, 14.4491



26.1111, 36.3847, 22.0189



34.8935, 36.3847, 84.1628



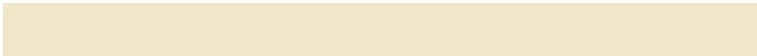
44.7128, 36.3847, 64.7298

Sweetspot

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



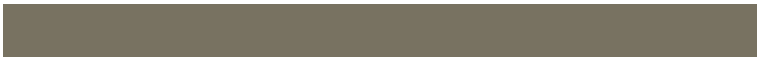
34.2744, 36.3864, 14.4498



74.8569, 79.5860, 66.8895



26.1817, 18.3400, 17.4898



15.9483, 16.9709, 13.7636



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.2744, 36.3864, 14.4498



59.1043, 62.1504, 18.2640



33.3992, 42.4591, 15.6681



9.5630, 10.1289, 9.5580



20.1361, 20.0485, 2.8085



0.7545, 0.7962, 0.1139

Inverse Universe

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



18.3605, 16.9037, 47.6423



27.0897, 23.0141, 85.2190



18.8239, 13.8853, 47.0352



8.6911, 9.0595, 11.3700



6.6324, 3.7244, 31.6224



0.2831, 0.2299, 1.1312

Previews

White Background



This preview shows how the XYZ color 34.2735, 36.3847, 14.4491 looks on a white background.

Color Contrast Check

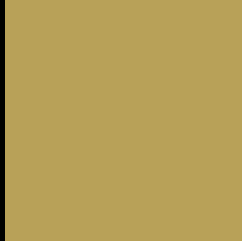
Large Text (above 18pt) WCAG AA × Fail

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 34.2735, 36.3847, 14.4491 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 34.2735, 36.3847, 14.4491

Background



This preview shows how black text looks on a background with the XYZ color 34.2735, 36.3847, 14.4491.



This preview shows how white text looks on a background with the XYZ color 34.2735, 36.3847,

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

34.2735, 36.3847, 14.4491

Protanopia

33.4908, 36.4994, 14.7311

Deuteranopia

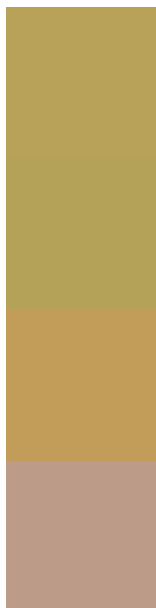
37.0777, 36.3061, 14.5048



Tritanopia

39.4149, 36.2132, 40.0344

Trichromacy



Original Color

34.2735, 36.3847, 14.4491

Protanomaly

33.7796, 36.3857, 14.6940

Deuteranomaly

36.1083, 36.3045, 14.5556

Tritanomaly

36.9043, 35.9116, 28.2791

Monochromacy



Original Color

34.2735, 36.3847, 14.4491

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2361, 35.2979, 27.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2735, 36.3847, 14.4491 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(184, 161, 88)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 88)  
}
```

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(184, 161, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 88) }
```

Border

The CSS property to change the border of an element to XYZ 34.2735, 36.3847, 14.4491 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(184, 161, 88) }
```


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

```
.border{ border-color:rgb(184, 161, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 88);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2735, 36.3847, 14.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 88) }
```

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

```
.background{ background-color: rgb(184,  
161, 88) }
```

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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