

Converting Colors

YUV(99.4710, -34.2492,
65.3619)

Have a look what the booklet for
YUV(99.4710, -34.2492, 65.3619)
contains.

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Color

**YUV(99.4710, -34.2492,
65.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4B1E
RGB	174, 75, 30
RGB Percent	68%, 29%, 12%
CMY	0.3176, 0.7059, 0.8824
CMYK	0.00, 0.57, 0.83, 0.32
HSL	19°, 71%, 40%
HSV	19°, 83%, 68%
XYZ	20.2060, 14.1246, 2.8896
YIQ	99.4710, 73.4490, 6.9930

Conversions

Conversions Part 2

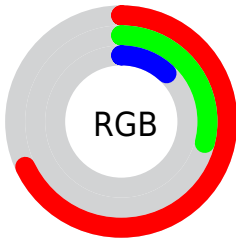
Format	Color
R_{YB}	174, 95, 30
Decimal	11422494
CIE _{Lab}	44.41, 38.02, 44.50
CIE _{LCh}	44, 58.531, 49.490
Yxy	14.1246, 0.5429, 0.3795
Android (android.graphics.Color)	4289612574 (0xFFAE4B1E)
YUV	99.4710, -34.2492, 65.3619
Hunter-Lab	37.5827, 30.1993, 21.7492

Details

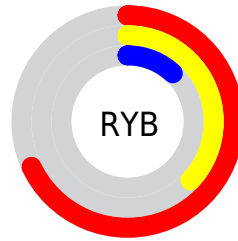
The YUV color **99.4710, -34.2492, 65.3619** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **104.5290, 34.2492, -65.3619**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1190, -37.0337, 71.8096**, and **48.4730, -23.8972, 58.3442** is the 20% darker color. If you saturate the color by 10%, you get **90.4890, -38.2021, 73.2391**, and if you desaturate by 10%, it is **108.4530, -30.2963, 57.4847**.

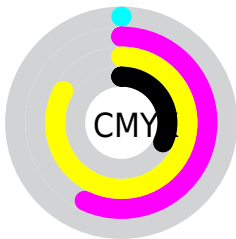
Distribution



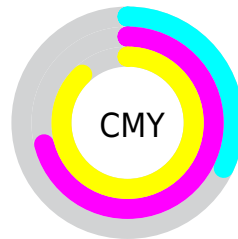
- Red (68%)
- Green (29%)
- Blue (12%)



- Red (68%)
- Yellow (37%)
- Blue (12%)



- Cyan (0%)
- Magenta (57%)
- Yellow (83%)
- Black (32%)





- Cyan (32%)
- Magenta (71%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.4710, -34.2492, 65.3619 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 YUV color 99.4710, -34.2492, 65.3619 by changing the saturation by 10% instead.


 99.4710, -34.2492,
65.3619

 99.4710, -34.2492,
65.3619


255.0000, 0.0000,
0.0000


 72.8620, -33.9490,
62.3880


 153.1190,
-37.0337, 71.8096


 48.4730, -23.8972,
58.3442


 177.7980,
-36.8754, 67.7062


 25.4150, -12.5296,
52.2560

 197.1980,
-33.6216, 50.6924

 17.3420, -8.5496,
35.6571

 216.5980,
-30.3678, 33.6786

 8.1870, -3.5432,
16.4990

 236.1120,
-26.6772, 16.5648

 0.0000, 0.0000,
0.0000

 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

99.4710, -34.2492,
65.3619

99.4710, -34.2492,
65.3619

90.4890, -38.2021,
73.2391

108.4530,
-30.2963, 57.4847

83.7240, -41.2759,
79.1721

117.5490,
-25.9067, 49.5075

126.5310,
-21.9538, 41.6303

135.6270,
-17.5641, 33.6531

144.6090,
-13.6112, 25.7759

■ 153.5910, -9.6584,
17.8987

■ 162.6870, -5.2687,
9.9215

■ 171.6690, -1.3158,
2.0443

■ 180.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



97.1720, -10.4378, 81.4102



99.4710, -34.2492, 65.3619



99.0980, -48.8553, 36.7481

Triad

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



99.4710, -34.2492, 65.3619



83.7660, 1.1014, -73.4628



99.8100, 48.4077, -33.1594

Complementary

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



99.4710, -34.2492, 65.3619



104.5290, 34.2492, -65.3619

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.



91.0060, 54.2270, -79.8123



99.4710, -34.2492, 65.3619



90.0530, 22.6519, -78.9765

Square

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



99.4710, -34.2492, 65.3619



83.0900, -23.7084, -49.1909



93.1940, 42.3024, -81.7311



107.5320, 30.3037, 33.7364

Rectangle

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



99.4710, -34.2492, 65.3619



97.1830, -47.9112, 13.8715



93.1940, 42.3024, -81.7311



85.2500, 57.5577, -74.7643

Sweetspot

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



99.4710, -34.2492, 65.3619



197.6090, -13.6112, 25.7759



84.5700, 22.8900, 78.4301



96.9220, -8.3425, 15.8544



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



99.4710, -34.2492, 65.3619



110.3650, -53.4239, 102.2889



140.5610, -54.5066, 29.3260



82.4520, -2.1948, 3.9886



72.4390, -35.7124, 68.0210



10.9860, -5.4161, 10.5363

Inverse Universe

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



104.5290, 34.2492, -65.3619



118.6350, 53.4239, -102.2889



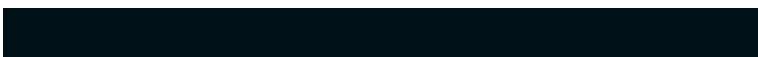
63.4390, 54.5066, -29.3260



82.5480, 2.1948, -3.9886



77.5610, 35.7124, -68.0210



12.0140, 5.4161, -10.5363

Previews

White Background



This preview shows how the YUV color 99.4710, -34.2492, 65.3619 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 99.4710, -34.2492, 65.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4710, -34.2492, 65.3619

Background



This preview shows how black text looks on a background with the YUV color 99.4710, -34.2492, 65.3619.



This preview shows how white text looks on a background with the YUV color 99.4710, -34.2492,

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

99.4710, -34.2492, 65.3619

Protanopia

101.8360, -31.4711, 14.1758

Deuteranopia

100.7470, -39.8083, 28.2859



Tritanopia

102.2640, -13.4412, 64.6665

Trichromacy



Original Color

99.4710, -34.2492, 65.3619

Protanomaly

101.0170, -32.5464, 32.4341

Deuteranomaly

100.4050, -37.6677, 41.7408

Tritanomaly

101.3150, -20.8613, 64.6217

Monochromacy



Original Color

99.4710, -34.2492, 65.3619

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9400, -12.2954, 23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4710, -34.2492, 65.3619 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(174, 75, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 75, 30)  
}
```

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(174, 75, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 75, 30) }
```

Border

The CSS property to change the border of an element to YUV 99.4710, -34.2492, 65.3619 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(174, 75, 30) }
```


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

```
.border{ border-color:rgb(174, 75, 30) }
```

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

Here you see how a box with a 4 pixel rgb(174, 75, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 75, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 75, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 75,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 99.4710, -34.2492, 65.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 75, 30) }
```

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

```
.background{ background-color: rgb(174, 75,  
30) }
```

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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