

Converting Colors

YUV(159.0210, -32.0554,
14.8906)

Have a look what the booklet for
YUV(159.0210, -32.0554, 14.8906)
contains.

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Color

**YUV(159.0210, -32.0554,
14.8906)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A35E
RGB	176, 163, 94
RGB Percent	69%, 64%, 37%
CMY	0.3098, 0.3608, 0.6314
CMYK	0.00, 0.07, 0.47, 0.31
HSL	50°, 34%, 53%
HSV	50°, 47%, 69%
XYZ	33.0221, 36.2326, 15.8428
YIQ	159.0210, 29.8970, -18.7030

Conversions

Conversions Part 2

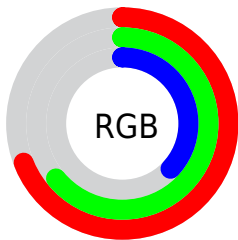
Format	Color
RYB	109, 176, 94
Decimal	11576158
CIELab	66.70, -4.95, 37.39
CIELCh	67, 37.715, 97.548
Yxy	36.2326, 0.3880, 0.4258
Android (android.graphics.Color)	4289766238 (0xFFB0A35E)
YUV	159.0210, -32.0554, 14.8906
Hunter-Lab	60.1936, -7.4140, 26.5305

Details

The YUV color **159.0210, -32.0554, 14.8906** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **110.9790, 32.0554, -14.8906**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2770, -33.6606, 16.4201**, and **107.3520, -30.7395, 12.8463** is the 20% darker color. If you saturate the color by 10%, you get **155.2080, -39.0495, 18.2346**, and if you desaturate by 10%, it is **162.8340, -25.0612, 11.5466**.

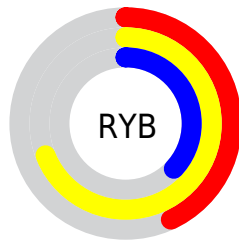
Distribution



Red (69%)

Green (64%)

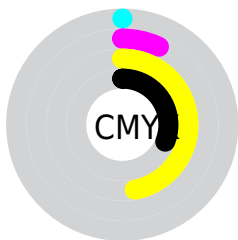
Blue (37%)



Red (43%)

Yellow (69%)

Blue (37%)

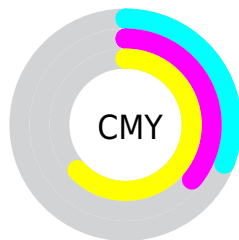


Cyan (0%)

Magenta (7%)

Yellow (47%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0210, -32.0554, 14.8906 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 159.0210, -32.0554, 14.8906 by changing the saturation by 10% instead.

■ 159.0210,
-32.0554, 14.8906

■ 159.0210,
-32.0554, 14.8906

255.0000, 0.0000,
0.0000

■ 132.5370,
-31.3237, 13.5611

■ 214.2770,
-33.6606, 16.4201

■ 107.3520,
-30.7395, 12.8463

■ 240.3690,
-33.2129, 12.8314

■ 82.1670, -30.1553,
12.1315

■ 248.7300,
-24.0239, 5.4988

■ 58.4980, -28.8395,
10.0873

■ 252.0360,
-11.3567, 2.5994

■ 38.4080, -18.9351,
6.6582

■ 19.1930, -9.4621,
1.5847

■ 0.0000, 0.0000,

0.0000

■ 159.0210,
-32.0554, 14.8906

■ 159.0210,
-32.0554, 14.8906

■ 155.2080,
-39.0495, 18.2346

■ 162.8340,
-25.0612, 11.5466

■ 151.5090,
-45.6069, 21.4786

■ 166.5330,
-18.5038, 8.3026

■ 148.2830,
-52.8905, 24.3078

■ 169.7590,
-11.2202, 5.4734

■ 144.5840,
-59.4479, 27.5518

■ 173.4580, -4.6628,
2.2293

■ 140.7710,
-66.4421, 30.8958

■ 177.2710, 2.3314,
-1.1147

■ 139.5000,
-68.7735, 32.0105

■ 181.0840, 9.3256,
-4.4587

■ 184.7830, 15.8830,
-7.7027

■ 188.0090, 23.1666,
-10.5319

■ 191.7080, 29.7240,
-13.7759

Harmonies

Analogous

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



161.6310, -30.3841, 38.9116



159.0210, -32.0554, 14.8906



154.7230, -23.5274, -13.7891

Triad

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



159.0210, -32.0554, 14.8906



128.1010, 36.4322, -112.3446



166.5270, 11.0792, 39.8798

Complementary

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



159.0210, -32.0554, 14.8906



110.9790, 32.0554, -14.8906

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.



165.5970, 24.8487, 10.0004



159.0210, -32.0554, 14.8906



145.9240, 38.4915, -72.7243

Square

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



159.0210, -32.0554, 14.8906



138.1960, 15.6794, -82.6099



159.7600, 34.1353, -28.7305



165.3750, -5.1149, 54.0451

Rectangle

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



159.0210, -32.0554, 14.8906



151.6370, -13.1320, -34.7616



159.7600, 34.1353, -28.7305



167.0250, 15.7637, 30.6731

Sweetspot

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



159.0210, -32.0554, 14.8906



222.7160, -12.6780, 6.3881



120.1140, -5.9722, 49.0120



110.9590, -7.8678, 3.5440



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.



159.0210, -32.0554, 14.8906



202.9670, -50.2697, 23.7079



158.5790, -31.8374, -8.4008



87.3870, -3.6418, 1.4146



121.4700, -59.8847, 27.6518



20.1010, -9.9098, 5.1734

Inverse Universe

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



110.9790, 32.0554, -14.8906



127.4460, 50.5591, -23.1931



111.4210, 31.8374, 8.4008



82.2000, 3.3524, -1.9294



31.5300, 59.8847, -27.6518



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 159.0210, -32.0554, 14.8906 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 YUV color 159.0210, -32.0554, 14.8906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

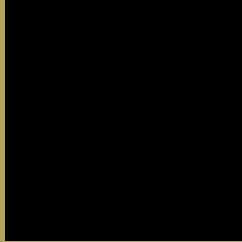
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.0210, -32.0554, 14.8906

Background



This preview shows how black text looks on a background with the YUV color 159.0210, -32.0554, 14.8906.



This preview shows how white text looks on a background with the YUV color 159.0210, -32.0554, 14.8906.

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

159.0210, -32.0554, 14.8906

Protanopia

159.0320, -32.0608, 16.6349

Deuteranopia

160.8320, -31.9622, 31.7193



Tritanopia

164.1530, 1.4036, 16.5288

Trichromacy



Original Color

159.0210, -32.0554, 14.8906

Protanomaly

158.7330, -31.9134, 16.0202

Deuteranomaly

160.0870, -32.0879, 25.3567

Tritanomaly

161.9390, -10.8159, 15.8395

Monochromacy



Original Color

159.0210, -32.0554, 14.8906

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.6450, -11.6570, 5.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0210, -32.0554, 14.8906 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(176, 163, 94)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 94)  
}
```

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(176, 163, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 94) }
```

Border

The CSS property to change the border of an element to YUV 159.0210, -32.0554, 14.8906 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(176, 163, 94) }
```


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

```
.border{ border-color:rgb(176, 163, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 94);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 159.0210, -32.0554, 14.8906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 94) }
```

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

```
.background{ background-color: rgb(176,  
163, 94) }
```

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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