

Converting Colors

YUV(147.0110, -33.5294,
21.0384)

Have a look what the booklet for
YUV(147.0110, -33.5294, 21.0384)
contains.

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Color

**YUV(147.0110, -33.5294,
21.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	AB944F
RGB	171, 148, 79
RGB Percent	67%, 58%, 31%
CMY	0.3294, 0.4196, 0.6902
CMYK	0.00, 0.13, 0.54, 0.33
HSL	45°, 37%, 49%
HSV	45°, 54%, 67%
XYZ	28.7958, 30.4022, 11.7477
YIQ	147.0110, 35.8570, -16.5830

Conversions

Conversions Part 2

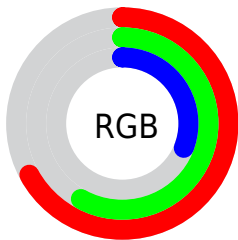
Format	Color
RYB	110, 171, 79
Decimal	11244623
CIELab	62.00, -0.39, 39.27
CIELCh	62, 39.272, 90.570
Yxy	30.4022, 0.4059, 0.4285
Android (android.graphics.Color)	4289434703 (0xFFAB944F)
YUV	147.0110, -33.5294, 21.0384
Hunter-Lab	55.1382, -3.2708, 25.9645

Details

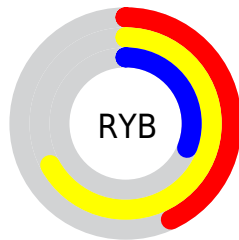
The YUV color $147.0110, -33.5294, 21.0384$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $102.9890, 33.5294, -21.0384$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.5660, -35.2820, 23.1826$, and $95.6300, -32.3556, 17.8645$ is the 20% darker color. If you saturate the color by 10%, you get $142.7250, -39.7974, 24.7972$, and if you desaturate by 10%, it is $151.2970, -27.2614, 17.2795$.

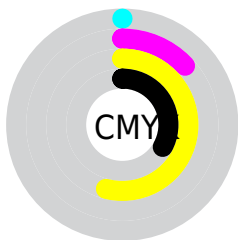
Distribution



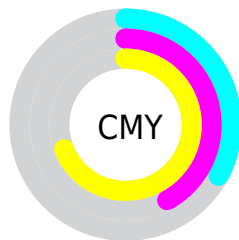
- Red (67%)
- Green (58%)
- Blue (31%)



- Red (43%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0110, -33.5294, 21.0384 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 147.0110, -33.5294, 21.0384 by changing the saturation by 10% instead.

■ 147.0110,
-33.5294, 21.0384

■ 147.0110,
-33.5294, 21.0384

■ 255.0000, 0.0000,
0.0000

■ 120.6410,
-32.3610, 19.6088

■ 201.5660,
-35.2820, 23.1826

■ 95.6300, -32.3556,
17.8645

■ 229.0390,
-36.0082, 22.7678

■ 70.8040, -32.9344,
16.8349

■ 246.9060,
-31.0127, 7.0984

■ 49.9590, -24.6298,
13.1910

■ 250.0980,
-18.7823, 4.2991

■ 30.1570, -14.8674,
8.6323

■ 253.2900, -6.5520,
1.4997

■ 7.0990, -3.4998,
2.5442

■ 0.0000, 0.0000,

0.0000

■ 147.0110,
-33.5294, 21.0384

■ 147.0110,
-33.5294, 21.0384

■ 142.7250,
-39.7974, 24.7972

■ 151.2970,
-27.2614, 17.2795

■ 137.8520,
-45.7760, 29.0708

■ 156.1700,
-21.2828, 13.0059

■ 133.5660,
-52.0440, 32.8296

■ 160.4560,
-15.0148, 9.2471

■ 129.2800,
-58.3120, 36.5884

■ 164.7420, -8.7468,
5.4883

■ 126.2650,
-62.2486, 39.2326

■ 169.0280, -2.4788,
1.7294

■ 174.0150, 3.9366,
-2.6442

■ 178.3010, 10.2046,
-6.4030

■ 182.5870, 16.4726,
-10.1618

■ 186.8730, 22.7406,
-13.9206

Harmonies

Analogous

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



149.5930, -29.3793, 43.3299



147.0110, -33.5294, 21.0384



143.1430, -27.1855, -7.1414

Triad

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



147.0110, -33.5294, 21.0384



119.0050, 32.0425, -104.3674



154.2320, 15.1686, 34.8765

Complementary

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



147.0110, -33.5294, 21.0384



102.9890, 33.5294, -21.0384

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.



152.7530, 28.2228, 1.0936



147.0110, -33.5294, 21.0384



119.0340, 44.8462, -104.3928

Square

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



147.0110, -33.5294, 21.0384



123.9740, 12.3378, -84.1692



143.4810, 37.2309, -41.6408



152.8140, -0.8943, 53.6601

Rectangle

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



147.0110, -33.5294, 21.0384



139.8290, -17.6637, -27.9140



143.4810, 37.2309, -41.6408



154.3170, 19.5637, 25.1550

Sweetspot

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



147.0110, -33.5294, 21.0384



212.6130, -13.1202, 8.2324



109.1300, -3.5151, 54.2600



106.6710, -7.7258, 4.6735



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



147.0110, -33.5294, 21.0384



184.4520, -52.4808, 32.9296



153.6350, -36.7951, -4.9419



84.8000, -3.3524, 1.9294



111.1810, -54.8122, 34.0443



16.8560, -8.3100, 5.3883

Inverse Universe

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



102.9890, 33.5294, -21.0384



115.5480, 52.4808, -32.9296



96.3650, 36.7951, 4.9419



80.2000, 3.3524, -1.9294



39.4060, 54.5228, -34.5591



6.1440, 8.3100, -5.3883

Previews

White Background



This preview shows how the YUV color 147.0110, -33.5294, 21.0384 looks on a white background.

Color Contrast Check

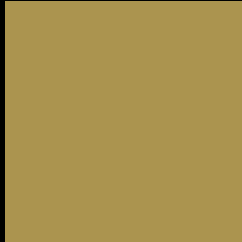
Large Text (above 18pt) WCAG AA × Fail

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 147.0110, -33.5294, 21.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

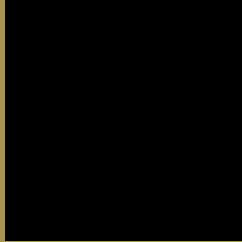
Any Text WCAG AA ✓ Pass

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 147.0110, -33.5294, 21.0384 Background



This preview shows how black text looks on a background with the YUV color 147.0110, -33.5294, 21.0384.



This preview shows how white text looks on a background with the YUV color 147.0110, -33.5294,

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

147.0110, -33.5294, 21.0384

Protanopia

146.5050, -32.7870, 16.2201

Deuteranopia

148.0770, -33.5620, 31.5045



Tritanopia

152.6160, -0.7967, 22.2618

Trichromacy



Original Color

147.0110, -33.5294, 21.0384

Protanomaly

146.5160, -32.7924, 17.9645

Deuteranomaly

147.7560, -33.4037, 27.4010

Tritanomaly

150.5160, -12.5794, 21.4725

Monochromacy



Original Color

147.0110, -33.5294, 21.0384

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8410, -12.2466, 8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0110, -33.5294, 21.0384 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(171, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(171, 148, 79)  
}
```

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(171, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 148, 79) }
```

Border

The CSS property to change the border of an element to YUV 147.0110, -33.5294, 21.0384 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(171, 148, 79) }
```


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

```
.border{ border-color:rgb(171, 148, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 148, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(171, 148,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 147.0110, -33.5294, 21.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 148, 79) }
```

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

```
.background{ background-color: rgb(171,  
148, 79) }
```

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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