

Converting Colors

YUV(146.8950, -47.7692,
15.0011)

Have a look what the booklet for
YUV(146.8950, -47.7692, 15.0011)
contains.

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Color

**YUV(146.8950, -47.7692,
15.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	A49D32
RGB	164, 157, 50
RGB Percent	64%, 62%, 20%
CMY	0.3569, 0.3843, 0.8039
CMYK	0.00, 0.04, 0.70, 0.36
HSL	56°, 53%, 42%
HSV	56°, 70%, 64%
XYZ	27.9425, 32.2367, 7.7672
YIQ	146.8950, 38.5190, -31.7930

Conversions

Conversions Part 2

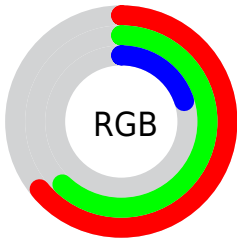
Format	Color
RYB	57, 164, 50
Decimal	10788146
CIELab	63.54, -10.37, 54.19
CIELCh	64, 55.172, 100.835
Yxy	32.2367, 0.4112, 0.4744
Android (android.graphics.Color)	4288978226 (0xFFA49D32)
YUV	146.8950, -47.7692, 15.0011
Hunter-Lab	56.7774, -11.5132, 31.6333

Details

The YUV color **146.8950, -47.7692, 15.0011** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **67.1050, 47.7692, -15.0011**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9770, -48.7957, 17.5602**, and **94.8130, -46.7428, 12.4420** is the 20% darker color. If you saturate the color by 10%, you get **144.4840, -54.4686, 17.1155**, and if you desaturate by 10%, it is **149.3060, -41.0699, 12.8866**.

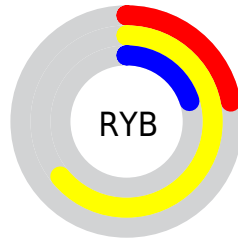
Distribution



Red (64%)

Green (62%)

Blue (20%)



Red (22%)

Yellow (64%)

Blue (20%)

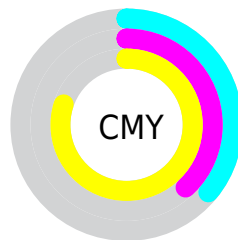


Cyan (0%)

Magenta (4%)

Yellow (70%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8950, -47.7692, 15.0011 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 146.8950, -47.7692, 15.0011 by changing the saturation by 10% instead.

■ 146.8950,
-47.7692, 15.0011

■ 146.8950,
-47.7692, 15.0011

■ 255.0000, 0.0000,
0.0000

■ 119.8410,
-49.2216, 14.1714

■ 201.9770,
-48.7957, 17.5602

■ 94.8130, -46.7428,
12.4420

■ 230.6350,
-50.1061, 17.8601

■ 72.9510, -35.9648,
8.8130

■ 243.8280,
-42.8062, 9.7978

■ 51.3770, -25.3289,
4.0544

■ 246.9060,
-31.0127, 7.0984

■ 31.5750, -15.5665,
-0.5043

■ 250.2120,
-18.3455, 4.1991

■ 10.5660, -5.2090,
-9.2664

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 146.8950,
-47.7692, 15.0011

■ 146.8950,
-47.7692, 15.0011

■ 144.4840,
-54.4686, 17.1155

■ 149.3060,
-41.0699, 12.8866

■ 141.9590,
-61.6048, 19.3300

■ 151.8310,
-33.9337, 10.6722

■ 139.5480,
-68.3042, 21.4444

■ 154.2420,
-27.2343, 8.5578

■ 139.4340,
-68.7410, 21.5444

■ 156.7670,
-20.0981, 6.3433

■ 159.1780,
-13.3988, 4.2289

■ 161.5890, -6.6994,
2.1144

■ 164.1140, 0.4368,
-0.1000

■ 166.5250, 7.1362,
-2.2144

■ 169.0500, 14.2723,
-4.4289

Harmonies

Analogous

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



150.6850, -45.6937, 49.3883



146.8950, -47.7692, 15.0011



140.7570, -31.9252, -26.9739

Triad

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



146.8950, -47.7692, 15.0011



128.0500, 43.8523, -112.2999



156.6960, 14.9399, 61.6566

Complementary

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



146.8950, -47.7692, 15.0011



67.1050, 47.7692, -15.0011

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.



157.9970, 35.0045, 19.2966



146.8950, -47.7692, 15.0011



126.6600, 58.8346, -111.0808

Square

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



146.8950, -47.7692, 15.0011



123.9800, 23.1809, -108.7305



146.8300, 51.3558, -45.4549



153.2580, -7.5222, 79.5807

Rectangle

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



146.8950, -47.7692, 15.0011



131.6350, -13.6241, -63.7009



146.8300, 51.3558, -45.4549



157.8670, 22.2506, 50.1056

Sweetspot

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



146.8950, -47.7692, 15.0011



207.1090, -18.7877, 6.0434



84.9980, -13.3100, 69.2848



102.7480, -11.2148, 3.7290



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



146.8950, -47.7692, 15.0011



187.2510, -74.5667, 23.4589



136.3530, -42.5720, -18.7266



80.3870, -3.6418, 1.4146



123.1870, -60.7312, 19.1300



15.3610, -7.5730, 2.3144

Inverse Universe

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



67.1050, 47.7692, -15.0011



62.7490, 74.5667, -23.4589



77.6470, 42.5720, 18.7266



74.6130, 3.6418, -1.4146



21.8130, 60.7312, -19.1300



2.6390, 7.5730, -2.3144

Previews

White Background



This preview shows how the YUV color 146.8950, -47.7692, 15.0011 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 146.8950, -47.7692, 15.0011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

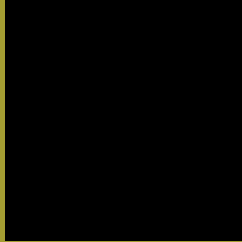
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.8950, -47.7692, 15.0011

Background



This preview shows how black text looks on a background with the YUV color 146.8950, -47.7692, 15.0011.



This preview shows how white text looks on a background with the YUV color 146.8950, -47.7692, 15.0011.

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

146.8950, -47.7692, 15.0011

Protanopia

147.4120, -48.5171, 21.5637

Deuteranopia

149.2660, -46.9661, 37.4777



Tritanopia

156.0280, 0.9722, 14.8844

Trichromacy



Original Color

146.8950, -47.7692, 15.0011

Protanomaly

147.1020, -48.3643, 19.2045

Deuteranomaly

148.5100, -47.0864, 29.3707

Tritanomaly

153.0330, -16.7783, 14.8801

Monochromacy



Original Color

146.8950, -47.7692, 15.0011

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1520, -17.3299, 5.1287

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8950, -47.7692, 15.0011 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(164, 157, 50)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 50)  
}
```

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(164, 157, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 50) }
```

Border

The CSS property to change the border of an element to YUV 146.8950, -47.7692, 15.0011 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(164, 157, 50) }
```


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

```
.border{ border-color:rgb(164, 157, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 50);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 146.8950, -47.7692, 15.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 50) }
```

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

```
.background{ background-color: rgb(164,  
157, 50) }
```

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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