

Converting Colors

YUV(147.8540, -18.6620,
12.4060)

Have a look what the booklet for
YUV(147.8540, -18.6620, 12.4060)
contains.

YUV(147.8540, -18.6620, 12.4060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.8540, -18.6620,
12.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	A2946E
RGB	162, 148, 110
RGB Percent	64%, 58%, 43%
CMY	0.3647, 0.4196, 0.5686
CMYK	0.00, 0.09, 0.32, 0.36
HSL	44°, 22%, 53%
HSV	44°, 32%, 64%
XYZ	28.3047, 29.9870, 19.0481
YIQ	147.8540, 20.5420, -8.8500

Conversions

Conversions Part 2

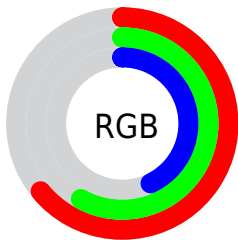
Format	Color
RYB	129, 162, 110
Decimal	10654830
CIELab	61.64, -0.77, 22.01
CIELCh	62, 22.024, 92.012
Yxy	29.9870, 0.3660, 0.3877
Android (android.graphics.Color)	4288844910 (0xFFA2946E)
YUV	147.8540, -18.6620, 12.4060
Hunter-Lab	54.7604, -3.5671, 17.7086

Details

The YUV color **147.8540, -18.6620, 12.4060** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124.1460, 18.6620, -12.4060**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9250, -19.6830, 13.2208**, and **97.1850, -17.3462, 10.3618** is the 20% darker color. If you saturate the color by 10%, you get **143.6820, -24.4932, 16.0649**, and if you desaturate by 10%, it is **152.0260, -12.8308, 8.7472**.

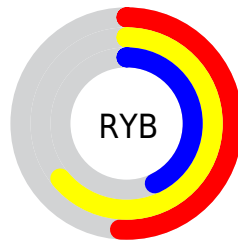
Distribution



Red (64%)

Green (58%)

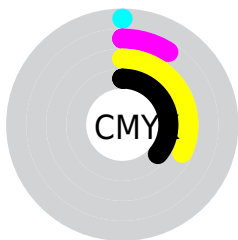
Blue (43%)



Red (51%)

Yellow (64%)

Blue (43%)

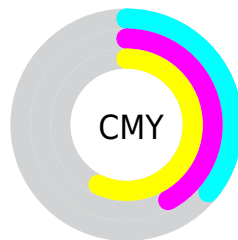


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8540, -18.6620, 12.4060 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 147.8540, -18.6620, 12.4060 by changing the saturation by 10% instead.

■ 147.8540,
-18.6620, 12.4060

■ 147.8540,
-18.6620, 12.4060

■ 255.0000, 0.0000,
0.0000

■ 121.6690,
-18.0778, 11.6913

■ 201.9250,
-19.6830, 13.2208

■ 97.1850, -17.3462,
10.3618

■ 230.1100,
-20.2672, 13.9355

■ 73.1140, -16.3252,
9.5470

■ 250.6680,
-16.5983, 3.7992

■ 49.9290, -15.7410,
8.8323

■ 253.8600, -4.3680,
0.9998

■ 29.2710, -14.4306,
8.5323

■ 5.6150, -2.7682,
1.2146

■ 0.0000, 0.0000,

0.0000

■ 147.8540,
-18.6620, 12.4060

■ 147.8540,
-18.6620, 12.4060

■ 143.6820,
-24.4932, 16.0649

■ 152.0260,
-12.8308, 8.7472

■ 138.9230,
-30.0350, 20.2385

■ 156.7850, -7.2890,
4.5736

■ 134.6370,
-36.3030, 23.9974

■ 161.0710, -1.0210,
0.8147

■ 130.4650,
-42.1342, 27.6562

■ 165.2430, 4.8102,
-2.8441

■ 125.7060,
-47.6761, 31.8298

■ 170.0020, 10.3520,
-7.0178

■ 121.5340,
-53.5073, 35.4887

■ 174.1740, 16.1832,
-10.6766

■ 117.7040,
-58.0281, 38.8476

■ 178.9330, 21.7250,
-14.8502

■ 183.2190, 27.9930,
-18.6091

■ 187.2770, 33.3874,
-22.1679

Harmonies

Analogous

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



149.3980, -16.9582, 25.9610



147.8540, -18.6620, 12.4060



145.6670, -15.1188, -4.0930

Triad

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



147.8540, -18.6620, 12.4060



140.1070, 14.2442, -42.1898



152.4830, 7.6499, 19.7474

Complementary

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



147.8540, -18.6620, 12.4060



124.1460, 18.6620, -12.4060

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.



150.7350, 15.4136, 2.8634



147.8540, -18.6620, 12.4060



143.2310, 19.6061, -35.2826

Square

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



147.8540, -18.6620, 12.4060



140.9200, 4.4764, -35.8868



147.3410, 19.5519, -17.8391



152.0300, -1.9868, 30.6687

Rectangle

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



147.8540, -18.6620, 12.4060



143.9690, -9.8447, -15.7588



147.3410, 19.5519, -17.8391



151.8460, 10.4289, 15.0441

Sweetspot

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



147.8540, -18.6620, 12.4060



205.9700, -7.8732, 5.2883



127.2580, -1.1132, 30.4687



103.7570, -4.8102, 2.8441



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.



147.8540, -18.6620, 12.4060



189.0370, -29.5982, 20.1386



152.7830, -21.0920, -1.5637



79.2130, -3.0630, 2.4442



105.5770, -52.0495, 34.5740



13.0130, -6.4154, 4.3736

Inverse Universe

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



124.1460, 18.6620, -12.4060



151.3760, 29.8876, -19.6238



119.2170, 21.0920, 1.5637



75.7870, 3.0630, -2.4442



39.4230, 52.0495, -34.5740



4.9870, 6.4154, -4.3736

Previews

White Background



This preview shows how the YUV color 147.8540, -18.6620, 12.4060 looks on a white 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

Black Background



This preview shows how the YUV color 147.8540, -18.6620, 12.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

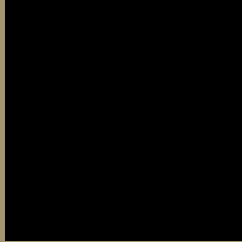
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.8540, -18.6620, 12.4060

Background



This preview shows how black text looks on a background with the YUV color 147.8540, -18.6620, 12.4060.



This preview shows how white text looks on a background with the YUV color 147.8540, -18.6620, 12.4060.

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

147.8540, -18.6620, 12.4060

Protanopia

147.8430, -18.6566, 10.6617

Deuteranopia

149.2190, -18.8420, 23.4869



Tritanopia

150.7290, 1.1196, 14.2697

Trichromacy



Original Color

147.8540, -18.6620, 12.4060

Protanomaly

148.1420, -18.8040, 11.2765

Deuteranomaly

148.8980, -18.6837, 19.3835

Tritanomaly

149.4810, -6.1531, 13.6102

Monochromacy



Original Color

147.8540, -18.6620, 12.4060

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8540, -18.6620, 12.4060 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(162, 148, 110)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 110)  
}
```

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(162, 148, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 110) }
```

Border

The CSS property to change the border of an element to YUV 147.8540, -18.6620, 12.4060 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(162, 148, 110) }
```


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

```
.border{ border-color:rgb(162, 148, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 110);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 147.8540, -18.6620, 12.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 110) }
```

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

```
.background{ background-color: rgb(162,  
148, 110) }
```

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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