

Converting Colors

YUV(133.1900, -21.7857,
-12.4446)

Have a look what the booklet for
YUV(133.1900, -21.7857, -12.4446)
contains.

YUV(133.1900, -21.7857, -12.4446)	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(133.1900, -21.7857,
-12.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	779559
RGB	119, 149, 89
RGB Percent	47%, 58%, 35%
CMY	0.5333, 0.4157, 0.6510
CMYK	0.20, 0.00, 0.40, 0.42
HSL	90°, 25%, 47%
HSV	90°, 40%, 58%
XYZ	20.1584, 26.1381, 13.4339
YIQ	133.1900, 1.3800, -25.0200

Conversions

Conversions Part 2

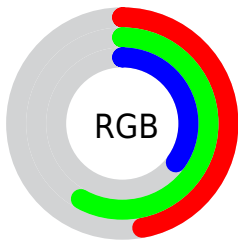
Format	Color
R_{YB}	89, 149, 119
Decimal	7837017
CIE _{Lab}	58.17, -21.51, 28.31
CIE _{LCh}	58, 35.555, 127.229
Yxy	26.1381, 0.3375, 0.4376
Android (android.graphics.Color)	4286027097 (0xFF779559)
YUV	133.1900, -21.7857, -12.4446
Hunter-Lab	51.1254, -19.0883, 20.2086

Details

The YUV color $133.1900, -21.7857, -12.4446$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $104.8100, 21.7857, 12.4446$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.5490, -22.9487, -12.7595$, and $82.9450, -20.1859, -12.2298$ is the 20% darker color. If you saturate the color by 10%, you get $129.3870, -27.3058, -15.2484$, and if you desaturate by 10%, it is $136.9930, -16.2655, -9.6409$.

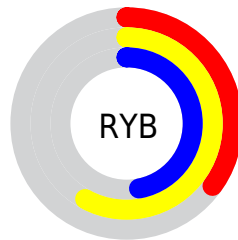
Distribution



Red (47%)

Green (58%)

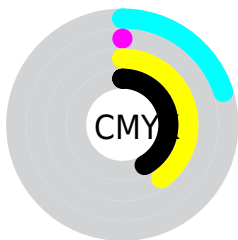
Blue (35%)



Red (35%)

Yellow (58%)

Blue (47%)

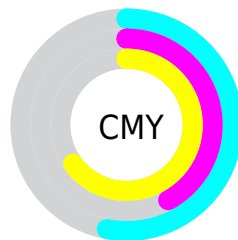


Cyan (20%)

Magenta (0%)

Yellow (40%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1900, -21.7857, -12.4446 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 133.1900, -21.7857, -12.4446 by changing the saturation by 10% instead.

■ 133.1900,
-21.7857, -12.4446

■ 133.1900,
-21.7857, -12.4446

■ 255.0000, 0.0000,
0.0000

■ 107.7170,
-21.0595, -12.0298

■ 186.5490,
-22.9487, -12.7595

■ 82.9450, -20.1859,
-12.2298

■ 214.3210,
-23.8223, -12.5595

■ 59.0590, -19.7491,
-12.3297

■ 239.9730,
-22.6647, -10.5003

■ 36.8140, -18.1493,
-12.1149

■ 251.2380,
-14.4143, 3.2993

■ 18.1970, -8.9711,
-15.9588

■ 254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 133.1900,
-21.7857, -12.4446

■ 133.1900,
-21.7857, -12.4446

■ 129.3870,
-27.3058, -15.2484

■ 136.9930,
-16.2655, -9.6409

■ 125.2850,
-32.6785, -18.6669

■ 141.0950,
-10.8928, -6.2223

■ 121.4820,
-38.1986, -21.4707

■ 144.8980, -5.3727,
-3.4185

■ 117.3800,
-43.5713, -24.8893

■ 149.0000, 0.0000,
0.0000

■ 113.5770,
-49.0915, -27.6930

■ 152.6890, 5.0833,
2.9037

■ 109.8880,
-54.1748, -30.5968

■ 156.7910, 10.4560,
6.3223

■ 160.5940, 15.9762,
9.1261

■ 164.6960, 21.3489,

12.5446

■ 168.4990, 26.8690,
15.3484

Harmonies

Analogous

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



136.4060, -29.2872, 13.6759



133.1900, -21.7857, -12.4446



127.4280, -6.1270, -41.5944

Triad

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



133.1900, -21.7857, -12.4446



122.7670, 36.5969, -71.7097



142.1680, -4.5198, 49.8417

Complementary

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



133.1900, -21.7857, -12.4446



104.8100, 21.7857, 12.4446

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.



143.9780, 10.3638, 35.9763



133.1900, -21.7857, -12.4446



136.7880, 31.6565, -27.0011

Square

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



133.1900, -21.7857, -12.4446



111.0490, 32.0208, -97.3900



143.0160, 22.6701, 8.7560



140.9000, -18.1917, 48.3227

Rectangle

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



133.1900, -21.7857, -12.4446



120.8300, 7.4788, -65.6259



143.0160, 22.6701, 8.7560



142.5250, 0.7272, 46.8976

Sweetspot

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



133.1900, -21.7857, -12.4446



187.7900, -8.2775, -5.0778



124.5500, -17.5261, 21.4427



93.3110, -5.0833, -2.9037



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



133.1900, -21.7857, -12.4446



169.3450, -33.6941, -19.5966



124.2200, -17.3635, -30.8879



72.0060, -2.4680, -1.7593



101.6370, -50.1070, -28.6226



7.3650, -3.6309, -2.0741

Inverse Universe

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



104.8100, 21.7857, 12.4446



125.3560, 33.8415, 18.9818



113.7800, 17.3635, 30.8879



68.6950, 2.6154, 1.1445



36.3630, 50.1070, 28.6226



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 133.1900, -21.7857, -12.4446 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 133.1900, -21.7857, -12.4446 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 × Fail

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

YUV 133.1900, -21.7857, -12.4446 Background



This preview shows how black text looks on a background with the YUV color 133.1900, -21.7857, -12.4446.



This preview shows how white text looks on a background with the YUV color 133.1900, -21.7857, -12.4446.

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

133.1900, -21.7857, -12.4446

Protanopia

136.7310, -25.5034, 13.3909

Deuteranopia

138.6060, -22.4838, 24.9015



Tritanopia

138.4810, 7.1579, -9.1918

Trichromacy



Original Color

133.1900, -21.7857, -12.4446

Protanomaly

135.6050, -24.4553, 3.8544

Deuteranomaly

136.9310, -22.1510, 11.4615

Tritanomaly

136.7230, -3.3144, -10.2811

Monochromacy



Original Color

133.1900, -21.7857, -12.4446

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2030, -7.9881, -4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1900, -21.7857, -12.4446 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(119, 149, 89)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 89)  
}
```

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(119, 149, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 89) }
```

Border

The CSS property to change the border of an element to YUV 133.1900, -21.7857, -12.4446 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(119, 149, 89) }
```


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

```
.border{ border-color:rgb(119, 149, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 89);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 133.1900, -21.7857, -12.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 89) }
```

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

```
.background{ background-color: rgb(119,  
149, 89) }
```

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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