

Converting Colors

YUV(122.8990, -30.5162,
-12.1894)

Have a look what the booklet for
YUV(122.8990, -30.5162, -12.1894)
contains.

YUV(122.8990, -30.5162, -12.1894)	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(122.8990, -30.5162,
-12.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8E3D
RGB	109, 142, 61
RGB Percent	43%, 56%, 24%
CMY	0.5725, 0.4431, 0.7608
CMYK	0.23, 0.00, 0.57, 0.44
HSL	84°, 40%, 40%
HSV	84°, 57%, 56%
XYZ	16.8220, 22.9341, 7.9550
YIQ	122.8990, 6.3330, -32.1870

Conversions

Conversions Part 2

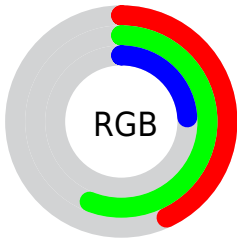
Format	Color
RYB	61, 142, 94
Decimal	7179837
CIELab	55.00, -25.33, 38.81
CIELCh	55, 46.345, 123.127
Yxy	22.9341, 0.3526, 0.4807
Android (android.graphics.Color)	4285369917 (0xFF6D8E3D)
YUV	122.8990, -30.5162, -12.1894
Hunter-Lab	47.8896, -21.1058, 23.6740

Details

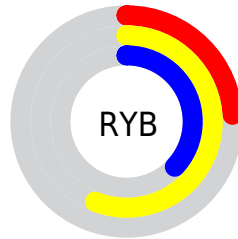
The YUV color $122.8990, -30.5162, -12.1894$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $80.1010, 30.5162, 12.1894$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.1440, -32.1160, -12.4043$, and $72.3720, -31.2424, -12.6042$ is the 20% darker color. If you saturate the color by 10%, you get $119.5090, -35.7469, -14.4784$, and if you desaturate by 10%, it is $126.2890, -25.2855, -9.9005$.

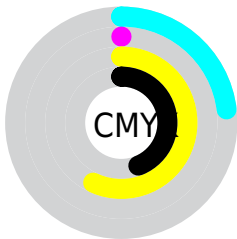
Distribution



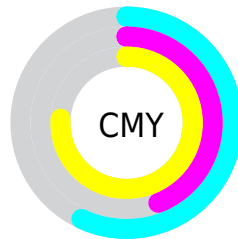
- Red (43%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (37%)



- Cyan (23%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8990, -30.5162, -12.1894 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 122.8990, -30.5162, -12.1894 by changing the saturation by 10% instead.

■ 122.8990,
-30.5162, -12.1894

■ 122.8990,
-30.5162, -12.1894

■ 255.0000, 0.0000,
0.0000

■ 97.0130, -30.0794,
-12.2894

■ 176.1440,
-32.1160, -12.4043

■ 72.3720, -31.2424,
-12.6042

■ 203.9160,
-32.9896, -12.2043

■ 50.0820, -24.6904,
-14.1039

■ 232.3890,
-33.7158, -12.6192

■ 28.2090, -13.9070,
-19.4773

■ 245.4260,
-26.3390, 1.3804

■ 15.2620, -7.5242,
-13.3848

■ 251.0100,
-15.2879, 3.4992

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 122.8990,
-30.5162, -12.1894

■ 122.8990,
-30.5162, -12.1894

■ 119.5090,
-35.7469, -14.4784

■ 126.2890,
-25.2855, -9.9005

■ 116.1190,
-40.9777, -16.7674

■ 129.6790,
-20.0547, -7.6115

■ 112.9140,
-46.7926, -18.3416

■ 132.8840,
-14.2398, -6.0373

■ 109.5240,
-52.0233, -20.6305

■ 136.2740, -9.0091,
-3.7483

■ 108.4700,
-53.4757, -21.4602

■ 139.6640, -3.7784,
-1.4593

■ 143.0540, 1.4524,
0.8296

■ 146.1450, 6.8305,
2.5038

■ 149.6490, 12.4980,
4.6928

■ 153.0390, 17.7288,
6.9818

Harmonies

Analogous

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



127.1050, -39.4918, 20.0789



122.8990, -30.5162, -12.1894



113.4280, -9.5780, -54.7494

Triad

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



122.8990, -30.5162, -12.1894



108.2570, 46.7083, -94.9414



132.3530, -1.6530, 63.7114

Complementary

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



122.8990, -30.5162, -12.1894



80.1010, 30.5162, 12.1894

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.



135.3300, 16.5993, 42.6836



122.8990, -30.5162, -12.1894



121.3530, 44.6890, -53.8066

Square

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



122.8990, -30.5162, -12.1894



108.4730, 32.3048, -95.1308



134.1000, 31.9957, 4.2973



130.8310, -20.1297, 63.2922

Rectangle

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



122.8990, -30.5162, -12.1894



102.4310, 9.1545, -89.8320



134.1000, 31.9957, 4.2973



133.0410, 4.9098, 58.7230

Sweetspot

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



122.8990, -30.5162, -12.1894



176.4650, -12.0612, -4.7928



104.0030, -21.2005, 33.3234



87.4420, -7.1199, -3.0186



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



122.8990, -30.5162, -12.1894



154.5010, -47.0820, -18.8564



110.9390, -24.6199, -36.7805



69.3050, -2.6154, -1.1445



103.1650, -50.8603, -20.3157



6.1910, -3.0522, -1.0445

Inverse Universe

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



80.1010, 30.5162, 12.1894



88.4990, 47.0820, 18.8564



92.0610, 24.6199, 36.7805



65.6950, 2.6154, 1.1445



31.8350, 50.8603, 20.3157



1.8090, 3.0522, 1.0445

Previews

White Background



This preview shows how the YUV color 122.8990, -30.5162, -12.1894 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 122.8990, -30.5162, -12.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

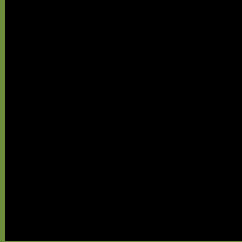
Any Text WCAG AA ✓ Pass

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 122.8990, -30.5162, -12.1894 Background



This preview shows how black text looks on a background with the YUV color 122.8990, -30.5162, -12.1894.



This preview shows how white text looks on a background with the YUV color 122.8990, -30.5162, -12.1894.

-12.1894.

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

122.8990, -30.5162, -12.1894

Protanopia

127.1630, -34.0974, 16.5200

Deuteranopia

129.3370, -31.2251, 28.6455



Tritanopia

130.3670, 6.7211, -9.0919

Trichromacy



Original Color

122.8990, -30.5162, -12.1894

Protanomaly

125.7380, -32.9018, 6.3688

Deuteranomaly

126.9500, -31.0343, 14.0758

Tritanomaly

127.5120, -6.6614, -10.0960

Monochromacy



Original Color

122.8990, -30.5162, -12.1894

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9920, -11.3351, -4.3780

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8990, -30.5162, -12.1894 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(109, 142, 61)` looks like.

```
.text, #text, p{  
    color:rgb(109, 142, 61)  
}
```

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(109, 142, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 142, 61) }
```

Border

The CSS property to change the border of an element to YUV 122.8990, -30.5162, -12.1894 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(109, 142, 61) }
```


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

```
.border{ border-color:rgb(109, 142, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 142, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 142, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 142, 61);  
box-shadow:4px 4px 4px 4px rgb(109, 142,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 122.8990, -30.5162, -12.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 142, 61) }
```

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

```
.background{ background-color: rgb(109,  
142, 61) }
```

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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