

Converting Colors

YUV(125.0750, -37.5050,
-10.5898)

Have a look what the booklet for
YUV(125.0750, -37.5050, -10.5898)
contains.

YUV(125.0750, -37.5050, -10.5898)	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(125.0750, -37.5050,
-10.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	719231
RGB	113, 146, 49
RGB Percent	44%, 57%, 19%
CMY	0.5569, 0.4275, 0.8078
CMYK	0.23, 0.00, 0.66, 0.43
HSL	80°, 50%, 38%
HSV	80°, 66%, 57%
XYZ	17.6433, 24.2902, 6.6643
YIQ	125.0750, 11.4690, -37.1630

Conversions

Conversions Part 2

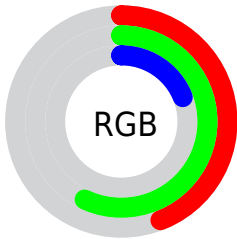
Format	Color
RYB	49, 146, 82
Decimal	7442993
CIELab	56.38, -26.75, 45.97
CIELCh	56, 53.185, 120.194
Yxy	24.2902, 0.3630, 0.4998
Android (android.graphics.Color)	4285633073 (0xFF719231)
YUV	125.0750, -37.5050, -10.5898
Hunter-Lab	49.2851, -22.3487, 26.4824

Details

The YUV color $125.0750, -37.5050, -10.5898$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $69.9250, 37.5050, 10.5898$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.7330, -38.8154, -10.2898$, and $74.0040, -36.4840, -11.4045$ is the 20% darker color. If you saturate the color by 10%, you get $121.8700, -43.3199, -12.1640$, and if you desaturate by 10%, it is $128.2800, -31.6900, -9.0156$.

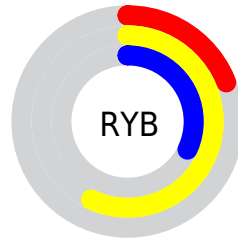
Distribution



Red (44%)

Green (57%)

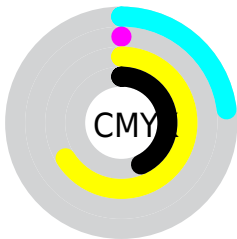
Blue (19%)



Red (19%)

Yellow (57%)

Blue (32%)

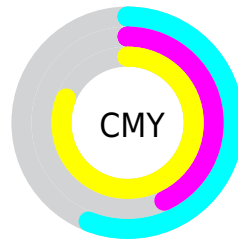


Cyan (23%)

Magenta (0%)

Yellow (66%)

Black (43%)



Cyan (56%)

Magenta (43%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.0750, -37.5050, -10.5898 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 125.0750, -37.5050, -10.5898 by changing the saturation by 10% instead.

■ 125.0750,
-37.5050, -10.5898

■ 125.0750,
-37.5050, -10.5898

■ 255.0000, 0.0000,
0.0000

■ 98.9610, -37.9418,
-10.4898

■ 178.7330,
-38.8154, -10.2898

■ 74.0040, -36.4840,
-11.4045

■ 206.5050,
-39.6890, -10.0899

■ 52.7400, -26.0008,
-13.8040

■ 234.1030,
-39.9838, -8.8603

■ 30.5570, -15.0646,
-21.5365

■ 245.9660,
-32.0282, 6.1688

■ 17.6100, -8.6817,
-15.4440

■ 249.7560,
-20.0927, 4.5990

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,

1.7996

■ 125.0750,
-37.5050, -10.5898

■ 125.0750,
-37.5050, -10.5898

■ 121.8700,
-43.3199, -12.1640

■ 128.2800,
-31.6900, -9.0156

■ 118.7790,
-48.6980, -13.8382

■ 131.3710,
-26.3119, -7.3414

■ 115.5740,
-54.5130, -15.4124

■ 134.5760,
-20.4970, -5.7672

■ 114.4060,
-56.4022, -16.1421

■ 137.6670,
-15.1188, -4.0930

■ 140.8720, -9.3039,
-2.5187

■ 144.0770, -3.4890,
-0.9445

■ 147.1680, 1.8892,
0.7297

■ 150.3730, 7.7041,
2.3039

■ 153.4640, 13.0822,
3.9781

Harmonies

Analogous

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



129.4880, -47.0756, 25.8820



125.0750, -37.5050, -10.5898



113.4720, -13.0507, -60.9269

Triad

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



125.0750, -37.5050, -10.5898



113.7340, 49.9241, -99.7447



134.5050, 1.2300, 72.3481

Complementary

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



125.0750, -37.5050, -10.5898



69.9250, 37.5050, 10.5898

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.



138.3180, 21.5352, 46.2021



125.0750, -37.5050, -10.5898



108.1720, 59.0752, -94.8668

Square

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



125.0750, -37.5050, -10.5898



112.6790, 33.1893, -98.8195



137.4890, 38.7059, -1.3059



132.7830, -20.5990, 73.8583

Rectangle

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



125.0750, -37.5050, -10.5898



105.6110, 6.1078, -92.6208



137.4890, 38.7059, -1.3059



135.8940, 7.9403, 66.7450

Sweetspot

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



125.0750, -37.5050, -10.5898



180.7810, -14.6820, -4.1929



96.7870, -23.5590, 43.1598



89.3990, -8.5777, -2.1039



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



125.0750, -37.5050, -10.5898



156.2380, -58.2913, -16.8717



110.7230, -30.4294, -40.0991



72.3050, -2.6154, -1.1445



108.2150, -53.3500, -15.0976



7.9630, -3.9258, -0.8446

Inverse Universe

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



69.9250, 37.5050, 10.5898



70.4630, 58.4387, 16.2569



84.2770, 30.4294, 40.0991



68.3960, 2.7628, 0.5297



29.7850, 53.3500, 15.0976



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 125.0750, -37.5050, -10.5898 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 125.0750, -37.5050, -10.5898 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 125.0750, -37.5050, -10.5898 Background



This preview shows how black text looks on a background with the YUV color 125.0750, -37.5050, -10.5898.



This preview shows how white text looks on a background with the YUV color 125.0750, -37.5050, -10.5898.

-10.5898.

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

125.0750, -37.5050, -10.5898

Protanopia

129.6380, -41.2335, 18.7345

Deuteranopia

131.6380, -37.7825, 31.8895



Tritanopia

134.5520, 6.1369, -8.3771

Trichromacy



Original Color

125.0750, -37.5050, -10.5898

Protanomaly

127.9140, -39.8906, 7.9684

Deuteranomaly

129.5390, -37.7337, 16.1903

Tritanomaly

131.0130, -9.8664, -8.7814

Monochromacy



Original Color

125.0750, -37.5050, -10.5898

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3080, -13.9558, -3.7781

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0750, -37.5050, -10.5898 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(113, 146, 49)` looks like.

```
.text, #text, p{  
    color:rgb(113, 146, 49)  
}
```

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(113, 146, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 146, 49) }
```

Border

The CSS property to change the border of an element to YUV 125.0750, -37.5050, -10.5898 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(113, 146, 49) }
```


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

```
.border{ border-color:rgb(113, 146, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 146, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 146, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 146, 49);  
box-shadow:4px 4px 4px 4px rgb(113, 146,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 125.0750, -37.5050, -10.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 146, 49) }
```

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

```
.background{ background-color: rgb(113,  
146, 49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor