

Converting Colors

YUV(57.3000, -21.8399, 4.9989)

Have a look what the booklet for
YUV(57.3000, -21.8399, 4.9989)
contains.

YUV(57.3000, -21.8399, 4.9989)	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(57.3000, -21.8399,
4.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3F0D
RGB	63, 63, 13
RGB Percent	25%, 25%, 5%
CMY	0.7529, 0.7529, 0.9490
CMYK	0.00, 0.00, 0.79, 0.75
HSL	60°, 66%, 15%
HSV	60°, 79%, 25%
XYZ	3.9001, 4.6408, 1.0710
YIQ	57.3000, 16.0500, -15.5500

Conversions

Conversions Part 2

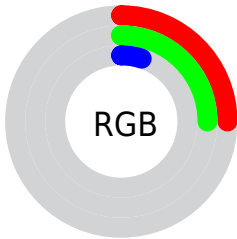
Format	Color
RYB	13, 63, 13
Decimal	4144909
CIELab	25.69, -7.22, 29.02
CIELCh	26, 29.906, 103.978
Yxy	4.6408, 0.4058, 0.4828
Android (android.graphics.Color)	4282334989 (0xFF3F3F0D)
YUV	57.3000, -21.8399, 4.9989
Hunter-Lab	21.5426, -5.3841, 12.1322

Details

The YUV color **57.3000, -21.8399, 4.9989** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18.7000, 21.8399, -4.9989**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0830, -22.7189, 6.9432**, and **16.2140, -7.9935, -2.8187** is the 20% darker color. If you saturate the color by 10%, you get **56.6160, -24.4607, 5.5988**, and if you desaturate by 10%, it is **57.9840, -19.2191, 4.3990**.

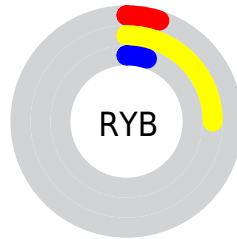
Distribution



 Red (25%)

 Green (25%)

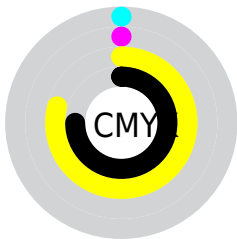
 Blue (5%)



 Red (5%)

 Yellow (25%)

 Blue (5%)

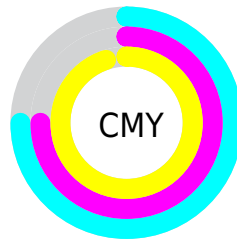


 Cyan (0%)

 Magenta (0%)

 Yellow (79%)

 Black (75%)



 Cyan (75%)

 Magenta (75%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3000, -21.8399, 4.9989 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 57.3000, -21.8399, 4.9989 by changing the saturation by 10% instead.

■ 57.3000, -21.8399,
4.9989

■ 57.3000, -21.8399,
4.9989

■ 253.6320, -5.2416,
1.1997

■ 36.3260, -17.9087,
4.0991

■ 105.0830,
-22.7189, 6.9432

■ 16.2140, -7.9935,
-2.8187

■ 130.7410,
-24.0293, 7.2431

■ 0.0000, 0.0000,
0.0000

■ 156.9260,
-24.6135, 7.9579

■ 183.8120,
-25.0503, 8.0579

■ 211.5840,
-25.9239, 8.2578

■ 239.7690,

-26.5081, 8.9726

■ 250.3260,
-17.9087, 4.0991

■ 57.3000, -21.8399,
4.9989

■ 57.3000, -21.8399,
4.9989

■ 56.6160, -24.4607,
5.5988

■ 57.9840, -19.2191,
4.3990

■ 55.8180, -27.5183,
6.2986

■ 58.7820, -16.1615,
3.6992

■ 59.4660, -13.5407,
3.0993

■ 60.1500, -10.9200,
2.4995

■ 60.9480, -7.8624,
1.7996

■ 61.6320, -5.2416,
1.1997

■ 62.3160, -2.6208,
0.5999

■ 63.0000, 0.0000,
0.0000

■ 63.7980, 3.0576,
-0.6998

Harmonies

Analogous

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



58.8120, -21.5993, 21.2129



57.3000, -21.8399, 4.9989



53.9430, -13.7759, -14.8590

Triad

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



57.3000, -21.8399, 4.9989



52.1650, 19.6387, -45.7487



61.7940, 6.0176, 29.9987

Complementary

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



57.3000, -21.8399, 4.9989



18.7000, 21.8399, -4.9989

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.



62.7900, 15.3865, 11.5852



57.3000, -21.8399, 4.9989



51.1850, 26.0378, -44.8892

Square

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



57.3000, -21.8399, 4.9989



50.3580, 10.1765, -44.1640



58.8510, 22.7515, -17.4093



60.0910, -4.4819, 37.6312

Rectangle

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



57.3000, -21.8399, 4.9989



48.3410, -4.1121, -34.5021



58.8510, 22.7515, -17.4093



62.2710, 9.2334, 25.1953

Sweetspot

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



57.3000, -21.8399, 4.9989



79.7200, -8.7360, 1.9996



27.9500, -7.3703, 30.7388



39.6320, -5.2416, 1.1997



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



57.3000, -21.8399, 4.9989



73.1080, -34.0702, 7.7983



49.8250, -18.1547, -10.3705



30.6580, -1.3104, 0.2999



83.2840, -41.0590, 9.3979



196.6920, -96.9692, 22.1951

Inverse Universe

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



18.7000, 21.8399, -4.9989



12.8920, 34.0702, -7.7983



26.1750, 18.1547, 10.3705



28.3420, 1.3104, -0.2999



10.7160, 41.0590, -9.3979



25.3080, 96.9692, -22.1951

Previews

White Background



This preview shows how the YUV color 57.3000, -21.8399, 4.9989 looks on a white background.

Color Contrast Check

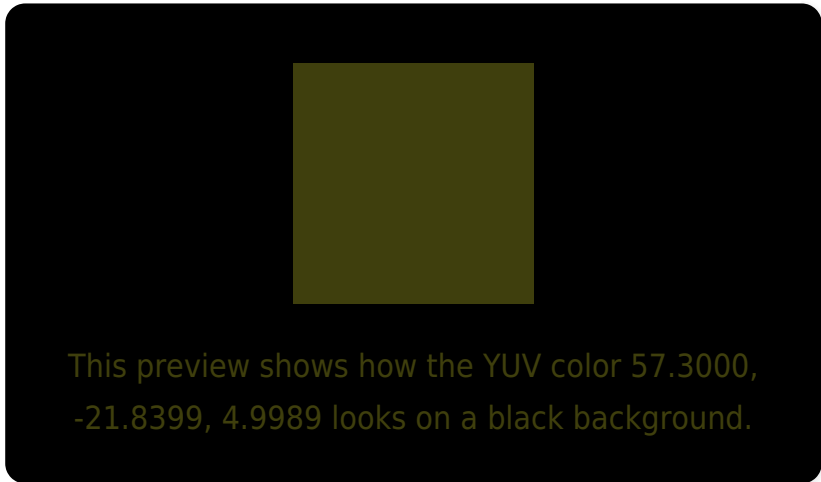
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

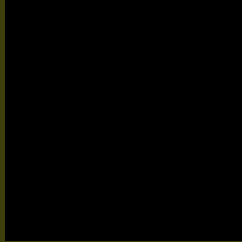
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.3000, -21.8399, 4.9989

Background



This preview shows how black text looks on a background with the YUV color 57.3000, -21.8399, 4.9989.



This preview shows how white text looks on a background with the YUV color 57.3000, -21.8399,

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

57.3000, -21.8399, 4.9989

Protanopia

57.9200, -22.1456, 9.7172

Deuteranopia

58.8930, -21.1462, 15.8798



Tritanopia

61.8480, 0.5679, 4.5183

Trichromacy



Original Color

57.3000, -21.8399, 4.9989

Protanomaly

57.9090, -22.1401, 7.9728

Deuteranomaly

58.4580, -21.4248, 11.8763

Tritanomaly

60.0840, -7.4364, 5.1883

Monochromacy



Original Color

57.3000, -21.8399, 4.9989

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9480, -7.8624, 1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3000, -21.8399, 4.9989 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(63, 63, 13)` looks like.

```
.text, #text, p{  
    color:rgb(63, 63, 13)  
}
```

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(63, 63, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 63, 13) }
```

Border

The CSS property to change the border of an element to YUV 57.3000, -21.8399, 4.9989 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(63, 63, 13) }
```


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

```
.border{ border-color:rgb(63, 63, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 63, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 63, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 63, 13);  
box-shadow:4px 4px 4px 4px rgb(63, 63, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.3000, -21.8399, 4.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 63, 13) }
```

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

```
.background{ background-color: rgb(63, 63,  
13) }
```

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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