

Converting Colors

YUV(71.3200, -32.6958,
-59.9166)

Have a look what the booklet for
YUV(71.3200, -32.6958, -59.9166)
contains.

YUV(71.3200, -32.6958, -59.9166)	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(71.3200, -32.6958,
-59.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	037705
RGB	3, 119, 5
RGB Percent	1%, 47%, 2%
CMY	0.9882, 0.5333, 0.9804
CMYK	0.97, 0.00, 0.96, 0.53
HSL	121°, 95%, 24%
HSV	121°, 97%, 47%
XYZ	6.6618, 13.2240, 2.3450
YIQ	71.3200, -32.5420, -60.0460

Conversions

Conversions Part 2

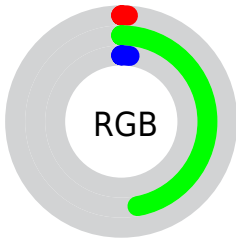
Format	Color
R_{YB}	3, 117, 119
Decimal	227077
CIE _{Lab}	43.10, -48.58, 46.25
CIE _{LCh}	43, 67.078, 136.410
Yxy	13.2240, 0.2997, 0.5949
Android (android.graphics.Color)	4278417157 (0xFF037705)
YUV	71.3200, -32.6958, -59.9166
Hunter-Lab	36.3648, -30.9384, 21.6321

Details

The YUV color **71.3200, -32.6958, -59.9166** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **50.6800, 32.6958, 59.9166**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8810, -33.4653, -46.3766**, and **40.5030, -19.9680, -35.5211** is the 20% darker color. If you saturate the color by 10%, you get **70.0810, -33.5639, -61.4610**, and if you desaturate by 10%, it is **76.2760, -29.2231, -53.7391**.

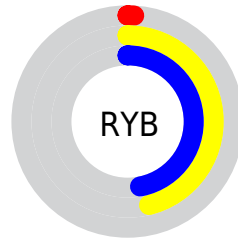
Distribution



Red (1%)

Green (47%)

Blue (2%)



Red (1%)

Yellow (46%)

Blue (47%)

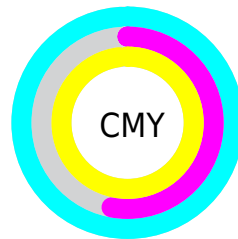


Cyan (97%)

Magenta (0%)

Yellow (96%)

Black (53%)



Cyan (99%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3200, -32.6958, -59.9166 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 71.3200, -32.6958, -59.9166 by changing the saturation by 10% instead.

■ 71.3200, -32.6958,
-59.9166

■ 71.3200, -32.6958,
-59.9166

255.0000, 0.0000,
0.0000

■ 54.5910, -26.9134,
-47.8763

■ 131.8810,
-33.4653, -46.3766

■ 40.5030, -19.9680,
-35.5211

■ 159.9520,
-34.4863, -45.5619

■ 27.0020, -13.3120,
-23.6808

■ 188.3110,
-35.6493, -45.8767

■ 11.1530, -5.4984,
-9.7812


■ 215.3220,
-35.6547, -44.1324


■ 0.0000, 0.0000,
0.0000


■ 227.0710,
-28.1360, -29.0033


■ 238.9340,


-20.1805, -13.9741


 251.0960,
-12.3723, 1.6698


 71.3200, -32.6958,
-59.9166


 71.3200, -32.6958,
-59.9166


 70.0810, -33.5639,
-61.4610

 76.2760, -29.2231,
-53.7391

 81.1180, -26.1872,
-47.4615

 86.0740, -22.7145,
-41.2839

 91.0300, -19.2418,
-35.1063

 95.8720, -16.2059,
-28.8287

■ 100.5290,
-12.5858, -23.2659

■ 105.4850, -9.1131,
-17.0883

■ 110.4410, -5.6404,
-10.9108

■ 115.2830, -2.6045,
-4.6332

Harmonies

Analogous

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



92.6870, -45.6947, 2.9055



71.3200, -32.6958, -59.9166



81.2240, -3.5614, -71.2334

Triad

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



71.3200, -32.6958, -59.9166



92.1460, 58.5950, -80.8120



83.7750, -4.8191, 99.2983

Complementary

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



71.3200, -32.6958, -59.9166



50.6800, 32.6958, 59.9166

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.



90.2780, 19.0899, 83.9482



71.3200, -32.6958, -59.9166



81.4660, 63.3673, -71.4457

Square

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



71.3200, -32.6958, -59.9166



93.5360, 43.6128, -82.0311



103.3560, 37.2925, 32.1368



92.3800, -36.1763, 76.8427

Rectangle

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



71.3200, -32.6958, -59.9166



86.2570, 13.1843, -75.6474



103.3560, 37.2925, 32.1368



82.3050, 4.7796, 100.5875

Sweetspot

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



71.3200, -32.6958, -59.9166



137.1160, -12.8752, -23.7807



105.1780, -50.3738, 10.3679



67.5500, -7.6661, -14.5143



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



71.3200, -32.6958, -59.9166



91.9140, -43.8346, -80.6086



77.9320, -7.3615, -65.7154



56.5220, -1.7363, -3.0888



71.8420, -34.4321, -63.0054



147.2060, -70.6006, -129.0997

Inverse Universe

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



50.6800, 32.6958, 59.9166



64.0860, 43.8346, 80.6086



44.0680, 7.3615, 65.7154



55.4780, 1.7363, 3.0888



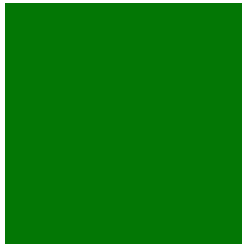
50.1580, 34.4321, 63.0054



102.7940, 70.6006, 129.0997

Previews

White Background



This preview shows how the YUV color 71.3200, -32.6958, -59.9166 looks on a white background.

Color Contrast Check

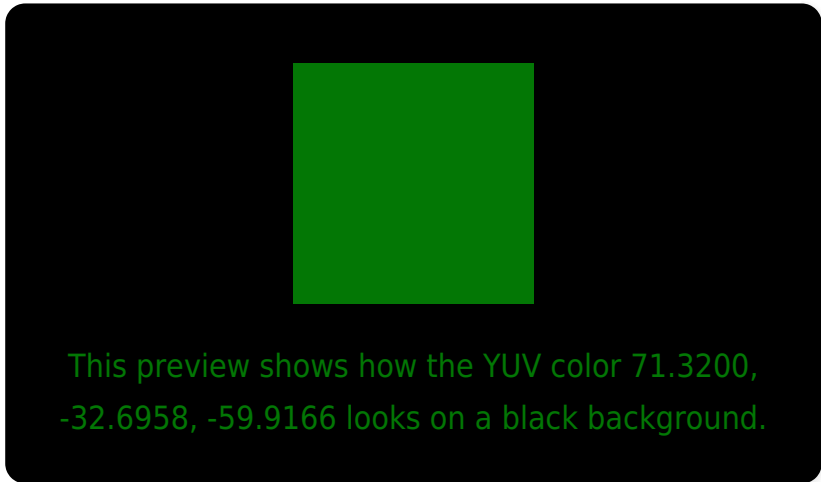
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YUV 71.3200, -32.6958, -59.9166 Background



This preview shows how black text looks on a background with the YUV color 71.3200, -32.6958, -59.9166.



This preview shows how white text looks on a background with the YUV color 71.3200, -32.6958,

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

71.3200, -32.6958, -59.9166

Protanopia

94.2590, -46.4697, 18.1899

Deuteranopia

97.5880, -35.2929, 26.6713



Tritanopia

93.7870, 12.9230, -38.4012

Trichromacy



Original Color

71.3200, -32.6958, -59.9166

Protanomaly

85.7500, -41.2887, -10.3047

Deuteranomaly

87.9170, -34.4691, -4.3122

Tritanomaly

85.6770, -3.7848, -46.1977

Monochromacy



Original Color

71.3200, -32.6958, -59.9166

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7680, -11.7176, -21.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3200, -32.6958, -59.9166 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(3, 119, 5)` looks like.

```
.text, #text, p{  
    color:rgb(3, 119, 5)  
}
```

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(3, 119, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 119, 5) }
```

Border

The CSS property to change the border of an element to YUV 71.3200, -32.6958, -59.9166 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(3, 119, 5) }
```


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

```
.border{ border-color:rgb(3, 119, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 119, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 119, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 119, 5); box-shadow:4px  
4px 4px 4px rgb(3, 119, 5) }
```

Background

The CSS property to change the background color of an element to YUV 71.3200, -32.6958, -59.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 119, 5) }
```

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

```
.background{ background-color: rgb(3, 119,  
5) }
```

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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