

Converting Colors

YUV(99.4950, -40.6700,
71.4799)

Have a look what the booklet for
YUV(99.4950, -40.6700, 71.4799)
contains.

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Color

**YUV(99.4950, -40.6700,
71.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	B54A11
RGB	181, 74, 17
RGB Percent	71%, 29%, 7%
CMY	0.2902, 0.7098, 0.9333
CMYK	0.00, 0.59, 0.91, 0.29
HSL	21°, 83%, 39%
HSV	21°, 91%, 71%
XYZ	21.6060, 14.7618, 2.2409
YIQ	99.4950, 82.0690, 4.9570

Conversions

Conversions Part 2

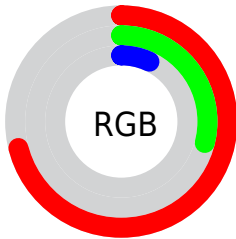
Format	Color
R_{YB}	181, 104, 17
Decimal	11880977
CIE _{Lab}	45.31, 40.90, 50.89
CIE _{LCh}	45, 65.290, 51.212
Yxy	14.7618, 0.5596, 0.3823
Android (android.graphics.Color)	4290071057 (0xFFB54A11)
YUV	99.4950, -40.6700, 71.4799
Hunter-Lab	38.4211, 33.1422, 23.4367

Details

The YUV color **99.4950, -40.6700, 71.4799** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **98.5050, 40.6700, -71.4799**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3710, -42.5809, 77.7276**, and **48.2070, -23.7661, 62.9625** is the 20% darker color. If you saturate the color by 10%, you get **91.1000, -44.9123, 78.8423**, and if you desaturate by 10%, it is **108.5910, -36.2804, 63.5027**.

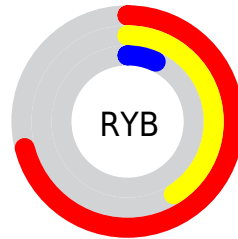
Distribution



Red (71%)

Green (29%)

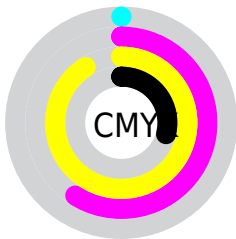
Blue (7%)



Red (71%)

Yellow (41%)

Blue (7%)

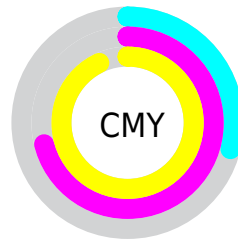


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (29%)



Cyan (29%)


Magenta (71%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.4950, -40.6700, 71.4799 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 99.4950, -40.6700, 71.4799 by changing the saturation by 10% instead.


 99.4950, -40.6700,
71.4799

 99.4950, -40.6700,
71.4799


255.0000, 0.0000,
0.0000


 73.0260, -36.0018,
67.5062


 154.3710,
-42.5809, 77.7276


 48.2070, -23.7661,
62.9625


 176.6580,
-41.2434, 68.7059


 27.2090, -13.4140,
55.9447

 195.4710,
-37.7002, 52.2069

 18.5380, -9.1392,
38.1162

 214.8710,
-34.4464, 35.1931

 10.2800, -4.5750,
20.8024

 234.9720,
-31.0452, 17.5646

 0.0000, 0.0000,
0.0000

 248.7300,

-24.0239, 5.4988

251.9220,
-11.7935, 2.6994

99.4950, -40.6700,
71.4799

99.4950, -40.6700,
71.4799

91.1000, -44.9123,
78.8423

108.5910,
-36.2804, 63.5027

117.6870,
-31.8907, 55.5255

126.1960,
-27.2116, 48.0631

135.2920,
-22.8220, 40.0859

144.5020,
-17.9955, 32.0087

■ 153.5980,
-13.6058, 24.0316

■ 162.6940, -9.2161,
16.0544

■ 171.2030, -4.5371,
8.5920

■ 180.2990, -0.1474,
0.6148

Harmonies

Analogous

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



95.3090, -11.4913, 92.6910



99.4950, -40.6700, 71.4799



100.8700, -49.7289, 36.9480

Triad

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



99.4950, -40.6700, 71.4799



86.4560, 1.2542, -75.8219



100.8790, 53.7967, -34.9739

Complementary

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



99.4950, -40.6700, 71.4799



98.5050, 40.6700, -71.4799

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.



94.4770, 59.9108, -82.8563



99.4950, -40.6700, 71.4799



93.4270, 25.4255, -81.9355

Square

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



99.4950, -40.6700, 71.4799



77.3820, -23.3593, -67.8640



97.0240, 46.8232, -85.0900



108.9720, 33.0448, 41.2436

Rectangle

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



99.4950, -40.6700, 71.4799



98.3460, -48.4846, 11.0976



97.0240, 46.8232, -85.0900



87.3190, 62.9467, -76.5788

Sweetspot

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



99.4950, -40.6700, 71.4799



203.0500, -15.8006, 28.0202



78.4620, 23.4362, 89.9258



98.6940, -9.2161, 16.0544



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



99.4950, -40.6700, 71.4799



118.3990, -58.3707, 102.2591



146.4550, -63.8213, 30.2960



84.4520, -2.1948, 3.9886



76.8580, -37.8910, 66.7765



13.0570, -6.4371, 11.3510

Inverse Universe

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



98.5050, 40.6700, -71.4799



116.6010, 58.3707, -102.2591



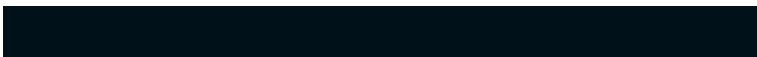
51.5450, 63.8213, -30.2960



84.5480, 2.1948, -3.9886



76.1420, 37.8910, -66.7765



12.9430, 6.4371, -11.3510

Previews

White Background



This preview shows how the YUV color 99.4950, -40.6700, 71.4799 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



This preview shows how the YUV color 99.4950, -40.6700, 71.4799 looks on a 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 99.4950, -40.6700, 71.4799

Background



This preview shows how black text looks on a background with the YUV color 99.4950, -40.6700, 71.4799.



This preview shows how white text looks on a background with the YUV color 99.4950, -40.6700,

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

99.4950, -40.6700, 71.4799

Protanopia

102.5390, -37.7337, 16.1903

Deuteranopia

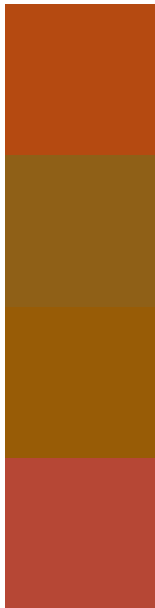
100.5380, -49.5652, 31.1002



Tritanopia

103.5420, -15.0572, 69.6847

Trichromacy



Original Color

99.4950, -40.6700, 71.4799

Protanomaly

101.7310, -38.8144, 36.1929

Deuteranomaly

100.1360, -46.4090, 45.4847

Tritanomaly

102.1370, -24.2245, 70.0399

Monochromacy



Original Color

99.4950, -40.6700, 71.4799

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2670, -14.9216, 26.0758

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4950, -40.6700, 71.4799 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(181, 74, 17)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 17)  
}
```

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(181, 74, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 17) }
```

Border

The CSS property to change the border of an element to YUV 99.4950, -40.6700, 71.4799 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(181, 74, 17) }
```


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

```
.border{ border-color:rgb(181, 74, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 17);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 99.4950, -40.6700, 71.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 17) }
```

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

```
.background{ background-color: rgb(181, 74,  
17) }
```

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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