

Converting Colors

YUV(42.4000, -19.9172,
41.7452)

Have a look what the booklet for
YUV(42.4000, -19.9172, 41.7452)
contains.

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Color

**YUV(42.4000, -19.9172,
41.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	5A1A02
RGB	90, 26, 2
RGB Percent	35%, 10%, 1%
CMY	0.6471, 0.8980, 0.9922
CMYK	0.00, 0.71, 0.98, 0.65
HSL	16°, 96%, 18%
HSV	16°, 98%, 35%
XYZ	4.5968, 2.9168, 0.3782
YIQ	42.4000, 45.8480, 6.1040

Conversions

Conversions Part 2

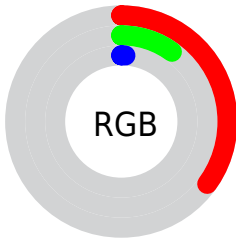
Format	Color
R _Y B	90, 35, 2
Decimal	5904898
CIE Lab	19.71, 28.26, 28.57
CIE LCh	20, 40.183, 45.315
Yxy	2.9168, 0.5825, 0.3696
Android (android.graphics.Color)	4284094978 (0xFF5A1A02)
YUV	42.4000, -19.9172, 41.7452
Hunter-Lab	17.0787, 18.1561, 10.6423

Details

The YUV color **42.4000, -19.9172, 41.7452** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **49.6000, 19.9172, -41.7452**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.6780, -21.5333, 46.7634**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **41.5850, -20.5014, 42.4600**, and if you desaturate by 10%, it is **47.5350, -18.0118, 37.2418**.

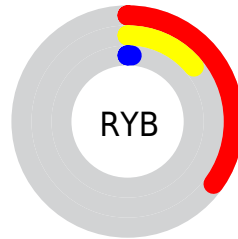
Distribution



Red (35%)

Green (10%)

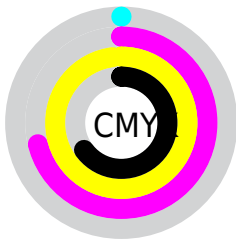
Blue (1%)



Red (35%)

Yellow (14%)

Blue (1%)

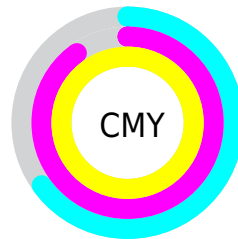


Cyan (0%)

Magenta (71%)

Yellow (98%)

Black (65%)



Cyan (65%)


Magenta (90%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 42.4000, -19.9172, 41.7452 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 42.4000, -19.9172, 41.7452 by changing the saturation by 10% instead.

 42.4000, -19.9172,
41.7452

 42.4000, -19.9172,
41.7452


 251.9220,
-11.7935, 2.6994

 20.0110, -9.8654,
37.7014


 91.6780, -21.5333,
46.7634


 12.0740, -5.4595,
24.4911

 117.6460,
-22.9965, 49.4225

 0.0000, 0.0000,
0.0000


 143.7280,
-24.0229, 51.9815


 171.3970,
-25.3387, 54.0258


 196.7880,
-25.0385, 51.0519


 215.7150,


-21.0585, 34.4529


 235.8160,
-17.6573, 16.8244


 42.4000, -19.9172,
41.7452


 42.4000, -19.9172,
41.7452


 41.5850, -20.5014,
42.4600

 47.5350, -18.0118,
37.2418

 52.0830, -15.8169,
33.2532

 57.2180, -13.9115,
28.7498

 61.7660, -11.7166,
24.7612

 66.9010, -9.8112,
20.2578

■ 71.4490, -7.6164,
16.2692

■ 76.5840, -5.7109,
11.7658

■ 81.1320, -3.5161,
7.7772

■ 86.2670, -1.6106,
3.2738

Harmonies

Analogous

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



38.4610, -2.1993, 52.2157



42.4000, -19.9172, 41.7452



45.5950, -22.4783, 23.1572

Triad

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



42.4000, -19.9172, 41.7452



38.2810, -3.0965, -33.5724



38.9720, 32.5518, -34.1784

Complementary

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



42.4000, -19.9172, 41.7452



49.6000, 19.9172, -41.7452

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.



44.2550, 29.9473, -38.8116



42.4000, -19.9172, 41.7452



42.2880, 9.7180, -37.0866

Square

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



42.4000, -19.9172, 41.7452



35.2530, -17.3797, -25.6549



44.7790, 21.8010, -39.2712



48.3760, 20.0276, 16.3332

Rectangle

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



42.4000, -19.9172, 41.7452



44.6210, -21.9982, 9.1024



44.7790, 21.8010, -39.2712



41.5480, 32.2678, -36.4376

Sweetspot

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



42.4000, -19.9172, 41.7452



99.0360, -7.9057, 15.7544



35.7220, 15.4201, 47.6018



47.8010, -4.8319, 9.8215



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



42.4000, -19.9172, 41.7452



53.7670, -26.5071, 55.4553



67.6410, -32.3610, 19.6088



43.6690, -1.3158, 2.0443



50.5000, -24.8965, 52.1815



109.0180, -53.7459, 112.2402

Inverse Universe

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



49.6000, 19.9172, -41.7452



63.2330, 26.5071, -55.4553



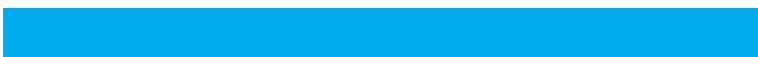
24.3590, 32.3610, -19.6088



43.9180, 1.0264, -2.5591



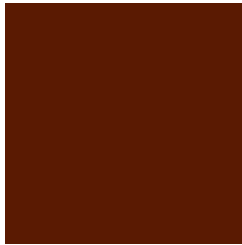
59.5000, 24.8965, -52.1815



127.9820, 53.7459, -112.2402

Previews

White Background



This preview shows how the YUV color 42.4000, -19.9172, 41.7452 looks on a white background.

Color Contrast Check

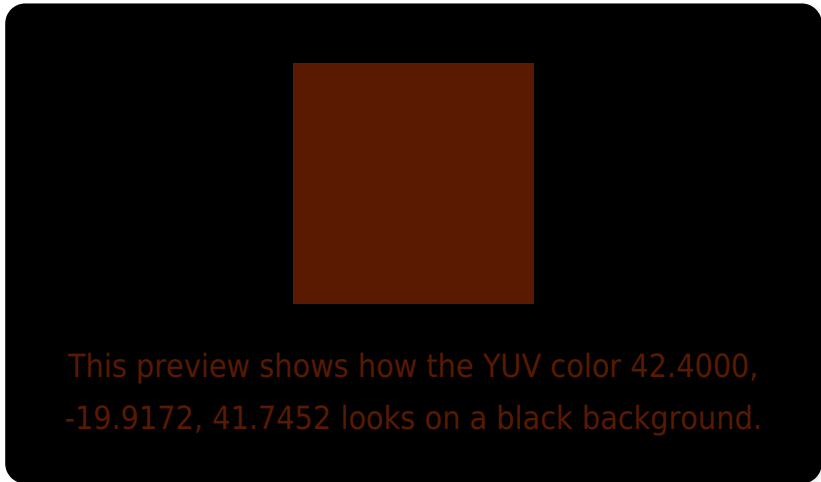
Large Text (above 18pt) WCAG AA ✓ Pass

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

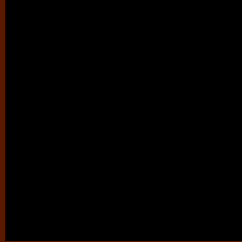
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.4000, -19.9172, 41.7452

Background



This preview shows how black text looks on a background with the YUV color 42.4000, -19.9172, 41.7452.



This preview shows how white text looks on a background with the YUV color 42.4000, -19.9172,

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

42.4000, -19.9172, 41.7452

Protanopia

47.2340, -18.3564, 7.6878

Deuteranopia

46.1270, -22.7406, 13.9206



Tritanopia

43.8480, -9.2921, 40.4753

Trichromacy



Original Color

42.4000, -19.9172, 41.7452

Protanomaly

45.1970, -18.8311, 19.9982

Deuteranomaly

44.5350, -21.4628, 24.0868

Tritanomaly

43.5230, -13.0758, 40.7603

Monochromacy



Original Color

42.4000, -19.9172, 41.7452

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4000, -19.9172, 41.7452 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(90, 26, 2)` looks like.

```
.text, #text, p{  
  color:rgb(90, 26, 2)  
}
```

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(90, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 26, 2) }
```

Border

The CSS property to change the border of an element to YUV 42.4000, -19.9172, 41.7452 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(90, 26, 2) }
```


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

```
.border{ border-color:rgb(90, 26, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 26, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 26, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 26, 2); box-shadow:4px  
4px 4px 4px rgb(90, 26, 2) }
```

Background

The CSS property to change the background color of an element to YUV 42.4000, -19.9172, 41.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 26, 2) }
```

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

```
.background{ background-color: rgb(90, 26,  
2) }
```

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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