

Converting Colors

YUV(42.0500, 34.4854, -0.9208)

Have a look what the booklet for
YUV(42.0500, 34.4854, -0.9208)
contains.

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Color

**YUV(42.0500, 34.4854,
-0.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	291D70
RGB	41, 29, 112
RGB Percent	16%, 11%, 44%
CMY	0.8392, 0.8863, 0.5608
CMYK	0.63, 0.74, 0.00, 0.56
HSL	249°, 59%, 28%
HSV	249°, 74%, 44%
XYZ	4.2784, 2.5200, 15.5901
YIQ	42.0500, -19.4910, 28.3570

Conversions

Conversions Part 2

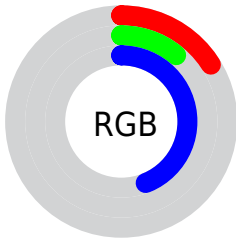
Format	Color
R_{YB}	41, 29, 112
Decimal	2694512
CIE _{Lab}	18.01, 31.27, -46.00
CIE _{LCh}	18, 55.620, 304.213
Yxy	2.5200, 0.1911, 0.1126
Android (android.graphics.Color)	4280884592 (0xFF291D70)
YUV	42.0500, 34.4854, -0.9208
Hunter-Lab	15.8745, 20.3284, -47.1158

Details

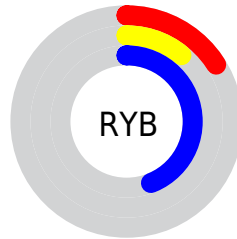
The YUV color **42.0500, 34.4854, -0.9208** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **98.9500, -34.4854, 0.9208**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.9520, 36.5057, 4.4271**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **32.6030, 39.1427, -1.4058**, and if you desaturate by 10%, it is **51.4970, 29.8280, -0.4359**.

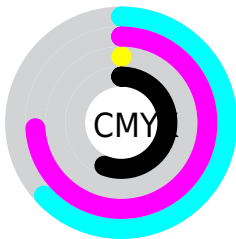
Distribution



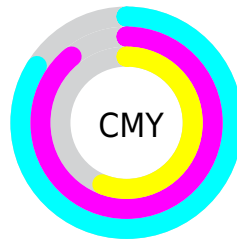
- Red (16%)
- Green (11%)
- Blue (44%)



- Red (16%)
- Yellow (11%)
- Blue (44%)



- Cyan (63%)
- Magenta (74%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0500, 34.4854, -0.9208 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 42.0500, 34.4854, -0.9208 by changing the saturation by 10% instead.

■ 42.0500, 34.4854,
-0.9208

■ 42.0500, 34.4854,
-0.9208

■ 255.0000, 0.0000,
0.0000

■ 16.1090, 34.9493,
-9.7426

■ 90.9520, 36.5057,
4.4271

■ 7.1820, 27.5183,
-6.2986

■ 116.1910, 37.3738,
5.9715

■ 6.3210, 16.6037,
-5.5435

■ 142.7180, 38.1000,
6.3863

■ 2.6390, 7.5730,
-2.3144

■ 169.6580, 39.1156,
7.3159

■ 0.0000, 0.0000,
0.0000

■ 193.9760, 30.0848,
10.5450

■ 219.0830, 17.7071,

13.9592

241.4990, 6.6560,
11.8404

42.0500, 34.4854,
-0.9208

42.0500, 34.4854,
-0.9208

32.6030, 39.1427,
-1.4058

51.4970, 29.8280,
-0.4359

23.4550, 43.6527,
-1.2760

60.6450, 25.3180,
-0.5657

17.5520, 46.5629,
-1.3611

70.6790, 20.3713,
-0.5955

79.8270, 15.8613,
-0.7253

89.2740, 11.2039,
-0.2403

■ 98.4220, 6.6940,
-0.3701

■ 107.8690, 2.0366,
0.1149

■ 117.9030, -2.9102,
0.0851

■ 127.0510, -7.4201,
-0.0447

Harmonies

Analogous

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



43.1270, 40.8564, -37.8224



42.0500, 34.4854, -0.9208



36.9270, 21.2350, 49.1760

Triad

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



42.0500, 34.4854, -0.9208



39.7800, -19.6115, 37.0269



40.2190, 4.3290, -35.2721

Complementary

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



42.0500, 34.4854, -0.9208



98.9500, -34.4854, 0.9208

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.



33.5730, -16.0585, -29.4435



42.0500, 34.4854, -0.9208



41.6640, -20.5404, 8.1877

Square

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



42.0500, 34.4854, -0.9208



31.0960, -15.3303, 63.9368



31.1110, -15.3377, -27.2843



44.7790, 21.8010, -39.2712

Rectangle

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



42.0500, 34.4854, -0.9208



38.1490, 7.8145, 60.3823



31.1110, -15.3377, -27.2843



38.0360, -1.4967, -33.3576

Sweetspot

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



42.0500, 34.4854, -0.9208



118.1430, 13.2405, -0.1254



80.7260, 15.4181, -45.3637



58.0630, 7.8569, -0.0553



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



42.0500, 34.4854, -0.9208



36.3870, 53.5462, -1.2164



54.3090, 28.4417, 24.2850



50.9830, 2.4734, 0.0149



18.7630, 49.9098, -1.5462



38.9220, 102.5825, -2.5626

Inverse Universe

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



61.9110, 18.7779, 43.9281



67.2250, 29.4691, 68.2087



86.6910, -28.4417, -24.2850



52.3640, 1.2995, 3.1888



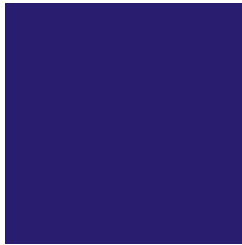
47.6220, 27.3014, 63.4755



98.0210, 56.1916, 130.6546

Previews

White Background



This preview shows how the YUV color 42.0500, 34.4854, -0.9208 looks on a white background.

Color Contrast Check

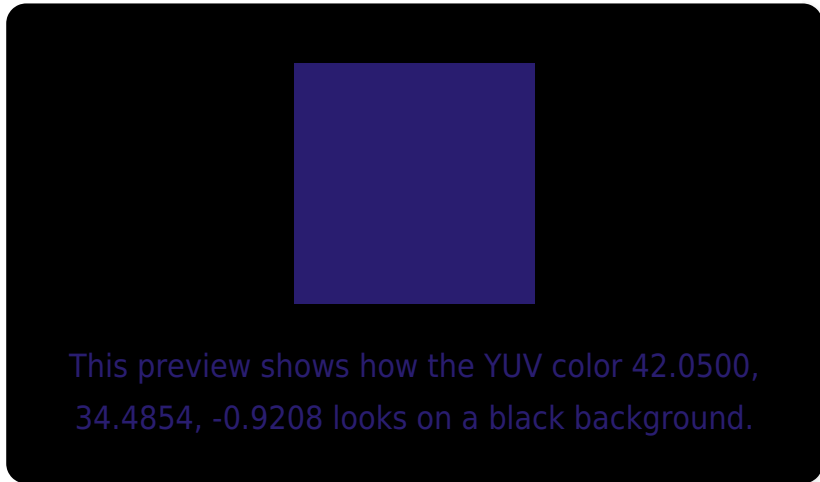
Large Text (above 18pt) WCAG AA ✓ Pass

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

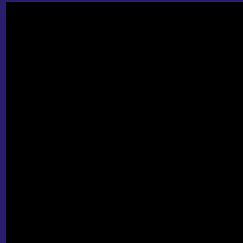
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0500, 34.4854, -0.9208

Background



This preview shows how black text looks on a background with the YUV color 42.0500, 34.4854, -0.9208.



This preview shows how white text looks on a background with the YUV color 42.0500, 34.4854,

-0.9208.

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

42.0500, 34.4854, -0.9208

Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

35.8940, 20.7583, -31.4790



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

42.0500, 34.4854, -0.9208

Protanomaly

38.0770, 30.0350, -20.2385

Deuteranomaly

38.2250, 25.5251, -20.3683

Tritanomaly

37.5750, 17.9575, -19.7983

Monochromacy



Original Color

42.0500, 34.4854, -0.9208

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9150, 12.3669, 0.0745

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0500, 34.4854, -0.9208 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(41, 29, 112)` looks like.

```
.text, #text, p{  
    color:rgb(41, 29, 112)  
}
```

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(41, 29, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 29, 112) }
```

Border

The CSS property to change the border of an element to YUV 42.0500, 34.4854, -0.9208 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(41, 29, 112) }
```


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

```
.border{ border-color:rgb(41, 29, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 29, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 29, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 29, 112);  
box-shadow:4px 4px 4px 4px rgb(41, 29,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 42.0500, 34.4854, -0.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 29, 112) }
```

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

```
.background{ background-color: rgb(41, 29,  
112) }
```

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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