

Converting Colors

YUV(29.9400, 37.9906, -5.2094)

Have a look what the booklet for
YUV(29.9400, 37.9906, -5.2094)
contains.

YUV(29.9400, 37.9906, -5.2094)	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(29.9400, 37.9906,
-5.2094)**

Conversions

Conversions Part 1

Format	Color
Hex	18126B
RGB	24, 18, 107
RGB Percent	9%, 7%, 42%
CMY	0.9059, 0.9294, 0.5804
CMYK	0.78, 0.83, 0.00, 0.58
HSL	244°, 71%, 25%
HSV	244°, 83%, 42%
XYZ	3.2468, 1.6883, 14.0647
YIQ	29.9400, -24.9930, 28.9510

Conversions

Conversions Part 2

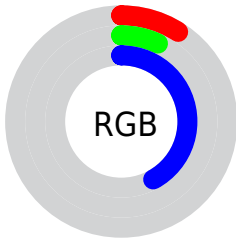
Format	Color
R_{YB}	24, 18, 107
Decimal	1577579
CIE _{Lab}	13.76, 33.97, -49.79
CIE _{LCh}	14, 60.274, 304.299
Yxy	1.6883, 0.1709, 0.0889
Android (android.graphics.Color)	4279767659 (0xFF18126B)
YUV	29.9400, 37.9906, -5.2094
Hunter-Lab	12.9936, 21.8647, -55.0817

Details

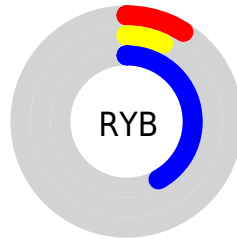
The YUV color **29.9400, 37.9906, -5.2094** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **95.0600, -37.9906, 5.2094**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9240, 38.9845, 2.6977**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **20.4930, 42.6480, -5.6944**, and if you desaturate by 10%, it is **39.3870, 33.3332, -4.7244**.

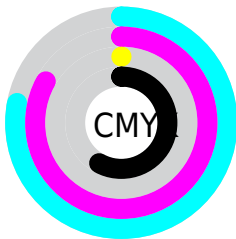
Distribution



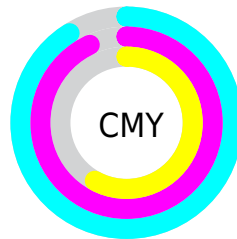
- Red (9%)
- Green (7%)
- Blue (42%)



- Red (9%)
- Yellow (7%)
- Blue (42%)



- Cyan (78%)
- Magenta (83%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9400, 37.9906, -5.2094 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 29.9400, 37.9906, -5.2094 by changing the saturation by 10% instead.

■ 29.9400, 37.9906,
-5.2094

■ 29.9400, 37.9906,
-5.2094

■ 250.3040, 2.3151,
4.1184

■ 9.3480, 35.8174,
-8.1982

■ 79.9240, 38.9845,
2.6977

■ 6.6120, 25.3343,
-5.7987

■ 104.9890, 40.4314,
5.2716

■ 5.2780, 15.1459,
-4.6288

■ 130.9290, 41.4470,
6.2013

■ 1.2540, 4.8048,
-1.0998


■ 157.8690, 42.4626,
7.1309


■ 0.0000, 0.0000,
0.0000


■ 183.0560, 35.4684,
10.4749


■ 208.1630, 23.0906,


13.8890


 233.2700, 10.7129,
17.3032


 29.9400, 37.9906,
-5.2094


 29.9400, 37.9906,
-5.2094


 20.4930, 42.6480,
-5.6944


 39.3870, 33.3332,
-4.7244

 14.2910, 45.7055,
-6.3942

 48.2470, 28.9652,
-3.7246

 57.6940, 24.3079,
-3.2396

 67.1410, 19.6505,
-2.7547

 76.5880, 14.9931,
-2.2697

■ 85.4480, 10.6251,
-1.2699

■ 94.8950, 5.9678,
-0.7849

■ 104.3420, 1.3104,
-0.2999

■ 113.2020, -3.0576,
0.6998

Harmonies

Analogous

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



38.0890, 41.8611, -33.4041



29.9400, 37.9906, -5.2094



34.0360, 19.2093, 45.5724

Triad

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



29.9400, 37.9906, -5.2094



29.7460, -14.6648, 37.0568



34.4970, 2.7130, -30.2539

Complementary

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



29.9400, 37.9906, -5.2094



95.0600, -37.9906, 5.2094

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.



28.7630, -14.1802, -25.2252



29.9400, 37.9906, -5.2094



32.7930, -16.1669, 5.4435

Square

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



29.9400, 37.9906, -5.2094



28.1060, -13.8563, 57.7890



25.8280, -12.7332, -22.6512



39.3990, 21.4953, -34.5529

Rectangle

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



29.9400, 37.9906, -5.2094



34.7310, 5.0626, 56.3639



25.8280, -12.7332, -22.6512



32.2000, -3.5496, -28.2394

Sweetspot

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



29.9400, 37.9906, -5.2094



109.8870, 14.8457, -1.6549



76.8670, 14.8556, -51.6264



52.6930, 9.0254, -1.4848



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



29.9400, 37.9906, -5.2094



18.6510, 59.8251, -8.4639



43.0960, 31.5047, 21.8408



48.9830, 2.4734, 0.0149



15.7300, 49.9261, -6.7792



33.0130, 104.5096, -14.0434

Inverse Universe

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



54.0730, 23.1350, 46.4170



56.7940, 36.5836, 72.9717



81.9040, -31.5047, -21.8408



50.3640, 1.2995, 3.1888



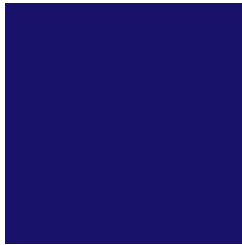
47.4090, 30.3644, 61.0313



99.2470, 63.4752, 127.8254

Previews

White Background



This preview shows how the YUV color 29.9400, 37.9906, -5.2094 looks on a white background.

Color Contrast Check

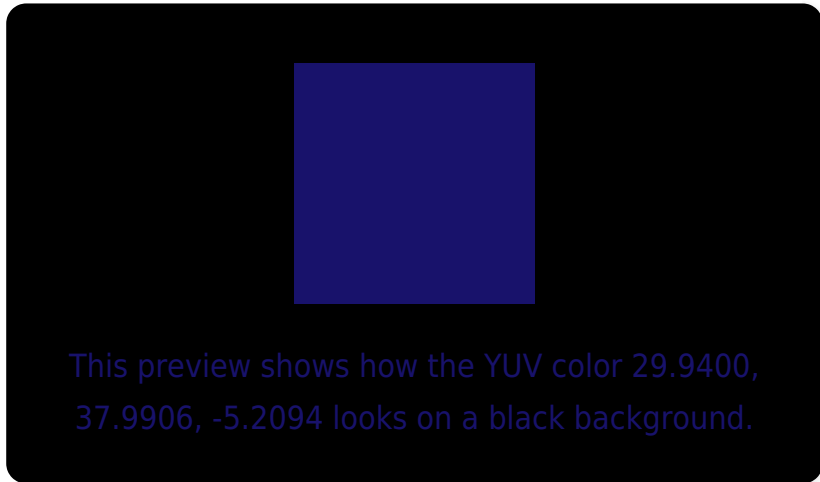
Large Text (above 18pt) WCAG AA ✓ Pass

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

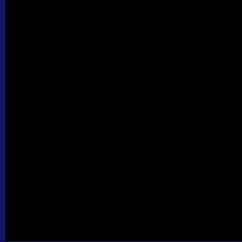
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9400, 37.9906, -5.2094

Background



This preview shows how black text looks on a background with the YUV color 29.9400, 37.9906, -5.2094.



This preview shows how white text looks on a background with the YUV color 29.9400, 37.9906,

-5.2094.

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

29.9400, 37.9906, -5.2094

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

29.4880, 16.5214, -25.8610



Tritanopia

28.9690, 6.9173, -25.4058

Trichromacy



Original Color

29.9400, 37.9906, -5.2094

Protanomaly

29.5180, 27.8456, -17.9943

Deuteranomaly

29.8940, 24.2093, -18.3240

Tritanomaly

29.5860, 17.9521, -18.0539

Monochromacy



Original Color

29.9400, 37.9906, -5.2094

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.2460, 13.6827, -1.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9400, 37.9906, -5.2094 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(24, 18, 107)` looks like.

```
.text, #text, p{  
    color:rgb(24, 18, 107)  
}
```

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(24, 18, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 107) }
```

Border

The CSS property to change the border of an element to YUV 29.9400, 37.9906, -5.2094 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(24, 18, 107) }
```


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

```
.border{ border-color:rgb(24, 18, 107) }
```

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

Here you see how a box with a 4 pixel rgb(24, 18, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 107);  
box-shadow:4px 4px 4px 4px rgb(24, 18,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 29.9400, 37.9906, -5.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 107) }
```

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

```
.background{ background-color: rgb(24, 18,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor