

Converting Colors

YUV(51.7890, 13.4150, -9.4620)

Have a look what the booklet for
YUV(51.7890, 13.4150, -9.4620)
contains.

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Color

**YUV(51.7890, 13.4150,
-9.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	29344F
RGB	41, 52, 79
RGB Percent	16%, 20%, 31%
CMY	0.8392, 0.7961, 0.6902
CMYK	0.48, 0.34, 0.00, 0.69
HSL	223°, 32%, 24%
HSV	223°, 48%, 31%
XYZ	3.5537, 3.4919, 7.8838
YIQ	51.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

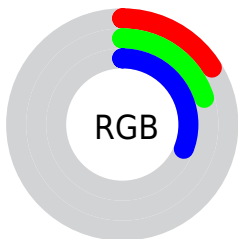
Format	Color
RYB	41, 50, 79
Decimal	2700367
CIELab	21.92, 3.77, -17.99
CIELCh	22, 18.379, 281.824
Yxy	3.4919, 0.2380, 0.2339
Android (android.graphics.Color)	4280890447 (0xFF29344F)
YUV	51.7890, 13.4150, -9.4620
Hunter-Lab	18.6867, 1.2445, -11.9336

Details

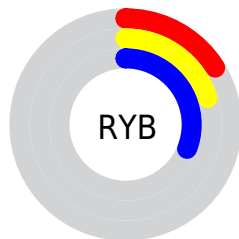
The YUV color **51.7890, 13.4150, -9.4620** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.2110, -13.4150, 9.4620**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4300, 14.5780, -9.1471**, and **7.5120, 13.5516, -6.5880** is the 20% darker color. If you saturate the color by 10%, you get **45.8750, 16.3306, -11.2914**, and if you desaturate by 10%, it is **57.7030, 10.4994, -7.6325**.

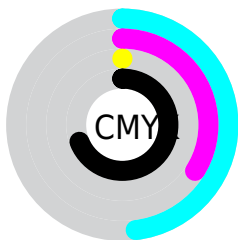
Distribution



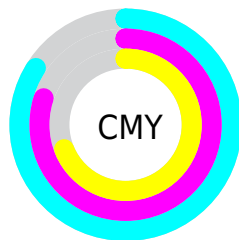
- Red (16%)
- Green (20%)
- Blue (31%)



- Red (16%)
- Yellow (20%)
- Blue (31%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.7890, 13.4150, -9.4620 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 51.7890, 13.4150, -9.4620 by changing the saturation by 10% instead.

■ 51.7890, 13.4150,
-9.4620

■ 51.7890, 13.4150,
-9.4620

■ 255.0000, 0.0000,
0.0000

■ 29.9630, 12.8362,
-10.4916

■ 98.4300, 14.5780,
-9.1471

■ 7.5120, 13.5516,
-6.5880

■ 123.5440, 15.0148,
-9.2471

■ 1.1400, 4.3680,
-0.9998

■ 149.6580, 15.4516,
-9.3471

■ 0.0000, 0.0000,
0.0000

■ 176.1850, 16.1778,
-8.9322

■ 203.8860, 16.3252,
-9.5470

■ 230.7460, 11.9572,

-8.5472

253.5050, 0.7370,
-3.0739

■ 51.7890, 13.4150,
-9.4620

■ 51.7890, 13.4150,
-9.4620

■ 45.8750, 16.3306,
-11.2914

■ 57.7030, 10.4994,
-7.6325

■ 40.5480, 18.9568,
-13.6356

■ 63.0300, 7.8732,
-5.2883

■ 34.6340, 21.8724,
-15.4650

■ 68.9440, 4.9576,
-3.4589

■ 29.3070, 24.4986,
-17.8092

■ 74.2710, 2.3314,
-1.1147

■ 23.6920, 27.2668,
-19.0239

■ 80.1850, -0.5842,
0.7148

■ 22.5070, 27.8510,
-19.7386

■ 85.8000, -3.3524,
1.9294

■ 91.1270, -5.9786,
4.2736

■ 97.0410, -8.8942,
6.1030

■ 102.9550,
-11.8098, 7.9325

Harmonies

Analogous

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



45.9500, 15.8006, -28.0202



51.7890, 13.4150, -9.4620



54.1500, 9.2930, 6.0074

Triad

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



51.7890, 13.4150, -9.4620



52.5420, -8.6482, 20.5727



46.5260, -1.2453, -20.6323

Complementary

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



51.7890, 13.4150, -9.4620



68.2110, -13.4150, 9.4620

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.



49.3660, -8.5614, -7.3370



51.7890, 13.4150, -9.4620



52.1730, -12.4103, 13.8803

Square

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



51.7890, 13.4150, -9.4620



53.7470, -2.8333, 22.1469



50.7050, -12.6726, 4.6437



41.8320, 7.9708, -36.6867

Rectangle

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



51.7890, 13.4150, -9.4620



54.2820, 5.7770, 13.7847



50.7050, -12.6726, 4.6437



47.7500, -4.3137, -16.4437

Sweetspot

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



51.7890, 13.4150, -9.4620



91.9440, 4.9576, -3.4589



66.3840, 0.7967, -22.2618



44.7870, 3.0630, -2.4442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



51.7890, 13.4150, -9.4620



59.7050, 20.8514, -14.6503



47.7240, 15.4191, 1.1191



35.6300, 1.1684, -1.4295



29.2380, 35.8717, -25.6417



64.9620, 81.3637, -56.9717

Inverse Universe

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



53.6160, -0.7967, 22.2618



62.5790, -1.2714, 34.5722



72.2760, -15.4191, -1.1191



35.4240, 0.2840, 2.2592



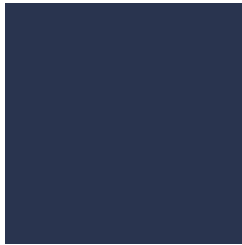
33.9180, -1.9316, 59.7079



76.2940, -5.0749, 134.8002

Previews

White Background



This preview shows how the YUV color 51.7890, 13.4150, -9.4620 looks on a white background.

Color Contrast Check

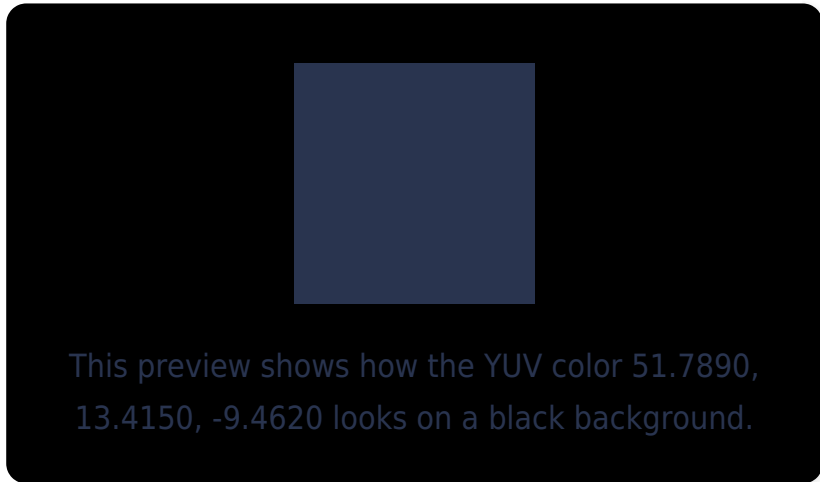
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7890, 13.4150, -9.4620

Background



This preview shows how black text looks on a background with the YUV color 51.7890, 13.4150, -9.4620.



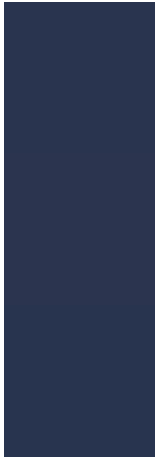
This preview shows how white text looks on a background with the YUV color 51.7890, 13.4150,

-9.4620.

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

51.7890, 13.4150, -9.4620

Protanopia

52.3870, 13.1202, -8.2324

Deuteranopia

51.4900, 13.5624, -10.0767



Tritanopia

50.1770, 4.8427, -13.3102

Trichromacy



Original Color

51.7890, 13.4150, -9.4620

Protanomaly

52.0880, 13.2676, -8.8472

Deuteranomaly

51.4900, 13.5624, -10.0767

Tritanomaly

50.9860, 7.8949, -12.2657

Monochromacy



Original Color

51.7890, 13.4150, -9.4620

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7890, 13.4150, -9.4620 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, 52, 79)` looks like.

```
.text, #text, p{  
    color:rgb(41, 52, 79)  
}
```

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, 52, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 52, 79) }
```

Border

The CSS property to change the border of an element to YUV 51.7890, 13.4150, -9.4620 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, 52, 79) }
```


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

```
.border{ border-color:rgb(41, 52, 79) }
```

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

Here you see how a box with a 4 pixel rgb(41, 52, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 52, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 52, 79);  
box-shadow:4px 4px 4px 4px rgb(41, 52, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.7890, 13.4150, -9.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 52, 79) }
```

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

```
.background{ background-color: rgb(41, 52,  
79) }
```

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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