

Converting Colors

YUV(25.9380, 31.0896, 14.9634)

Have a look what the booklet for
YUV(25.9380, 31.0896, 14.9634)
contains.

YUV(25.9380, 31.0896, 14.9634)	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(25.9380, 31.0896,
14.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0559
RGB	43, 5, 89
RGB Percent	17%, 2%, 35%
CMY	0.8314, 0.9804, 0.6510
CMYK	0.52, 0.94, 0.00, 0.65
HSL	267°, 89%, 18%
HSV	267°, 94%, 35%
XYZ	2.8537, 1.3434, 9.5601
YIQ	25.9380, -4.3160, 34.1800

Conversions

Conversions Part 2

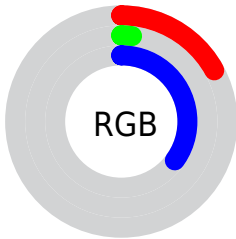
Format	Color
R_{YB}	43, 5, 89
Decimal	2819417
CIE _{Lab}	11.58, 36.54, -41.35
CIE _{LCh}	12, 55.182, 311.470
Yxy	1.3434, 0.2074, 0.0977
Android (android.graphics.Color)	4281009497 (0xFF2B0559)
YUV	25.9380, 31.0896, 14.9634
Hunter-Lab	11.5905, 23.6651, -40.7902

Details

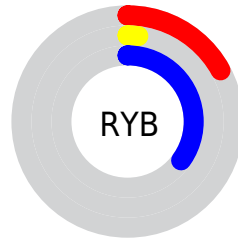
The YUV color **25.9380, 31.0896, 14.9634** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.0620, -31.0896, -14.9634**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.4760, 31.8103, 17.1225**, and **6.5490, 17.4773, -5.7435** is the 20% darker color. If you saturate the color by 10%, you get **22.1060, 32.9787, 15.6930**, and if you desaturate by 10%, it is **32.7160, 27.7480, 13.4041**.

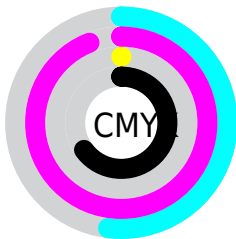
Distribution



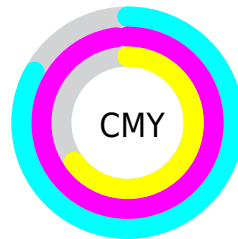
- Red (17%)
- Green (2%)
- Blue (35%)



- Red (17%)
- Yellow (2%)
- Blue (35%)



- Cyan (52%)
- Magenta (94%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.9380, 31.0896, 14.9634 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 25.9380, 31.0896, 14.9634 by changing the saturation by 10% instead.

■ 25.9380, 31.0896,
14.9634

■ 25.9380, 31.0896,
14.9634

■ 245.0210, 4.9196,
8.7516

■ 13.6890, 25.2963,
6.4117

■ 75.4760, 31.8103,
17.1225

■ 6.5490, 17.4773,
-5.7435

■ 100.4160, 32.8259,
18.0522

■ 2.8670, 8.4466,
-2.5144

■ 126.2420, 33.4047,
19.0818


■ 0.0000, 0.0000,
0.0000


■ 153.0680, 33.9835,
20.1114


■ 180.0080, 34.9991,
21.0410


■ 204.9840, 24.6579,


24.5700


 227.9980, 13.3120,
23.6808


 25.9380, 31.0896,
14.9634


 25.9380, 31.0896,
14.9634


 22.1060, 32.9787,
15.6930

 32.7160, 27.7480,
13.4041

 39.4940, 24.4065,
11.8448

 46.2720, 21.0649,
10.2855

 52.7510, 17.8708,
8.1114

 58.9420, 14.8186,
7.0669

■ 65.7200, 11.4770,
5.5076

■ 72.4980, 8.1355,
3.9483

■ 79.2760, 4.7939,
2.3889

■ 86.0540, 1.4524,
0.8296

Harmonies

Analogous

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



31.6830, 37.6243, -27.7860



25.9380, 31.0896, 14.9634



30.9020, 12.3733, 44.8129

Triad

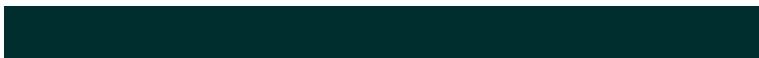
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.9380, 31.0896, 14.9634



28.4950, -14.0480, 25.8759



31.5450, 6.6333, -27.6650

Complementary

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



25.9380, 31.0896, 14.9634



68.0620, -31.0896, -14.9634

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.



25.8280, -12.7332, -22.6512



25.9380, 31.0896, 14.9634



27.7320, -13.6719, -1.5190

Square

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



25.9380, 31.0896, 14.9634



23.9200, -11.7926, 49.1822



24.0670, -11.8650, -21.1068



35.6490, 22.3580, -31.2642

Rectangle

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



25.9380, 31.0896, 14.9634



30.4440, 0.2741, 52.2306



24.0670, -11.8650, -21.1068



30.0630, 0.9549, -26.3653

Sweetspot

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



25.9380, 31.0896, 14.9634



90.8340, 11.9138, 5.4076



41.5780, 23.3790, -32.0789



43.9710, 7.4093, 3.5334



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.



25.9380, 31.0896, 14.9634



28.6580, 42.5666, 20.4709



38.4960, 24.8985, 40.7840



40.0540, 1.4524, 0.8296



26.5500, 39.6619, 18.8117



58.4840, 87.0224, 41.6715

Inverse Universe

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



35.3600, 7.7105, 47.0423



41.5670, 10.5665, 64.4007



55.5040, -24.8985, -40.7840



40.4240, 0.2840, 2.2592



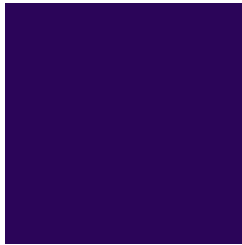
38.7190, 9.9985, 59.8824



84.8570, 21.2695, 131.6754

Previews

White Background



This preview shows how the YUV color 25.9380, 31.0896, 14.9634 looks on a white background.

Color Contrast Check

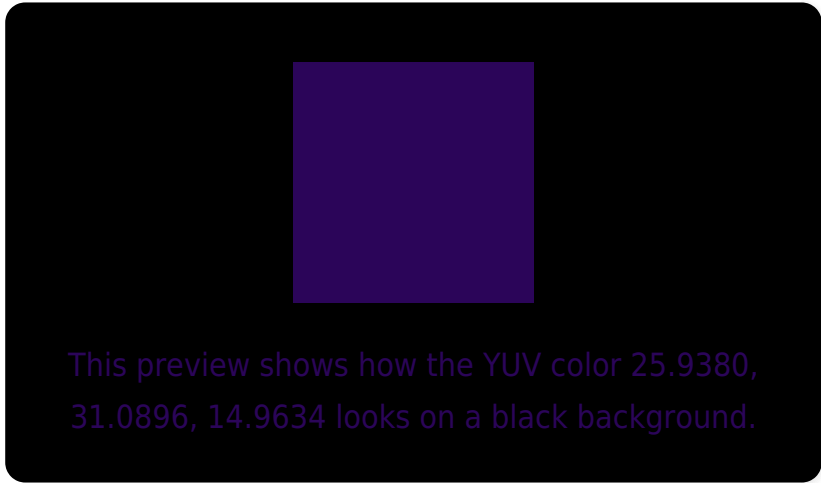
Large Text (above 18pt) WCAG AA ✓ Pass

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

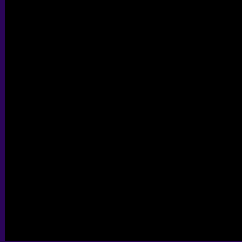
Any Text WCAG AA × Fail

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 25.9380, 31.0896, 14.9634 Background



This preview shows how black text looks on a background with the YUV color 25.9380, 31.0896, 14.9634.



This preview shows how white text looks on a background with the YUV color 25.9380, 31.0896,

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

25.9380, 31.0896, 14.9634

Protanopia

27.1230, 20.1524, -23.7869

Deuteranopia

27.1570, 15.2056, -23.8167



Tritanopia

33.2490, 2.3422, -4.6034

Trichromacy



Original Color

25.9380, 31.0896, 14.9634

Protanomaly

26.9490, 24.1821, -9.6023

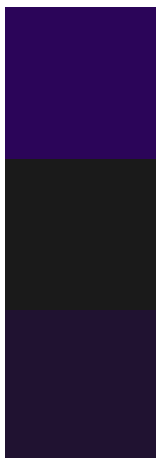
Deuteranomaly

26.7380, 20.8352, -9.4172

Tritanomaly

30.4530, 13.0877, 2.2337

Monochromacy



Original Color

25.9380, 31.0896, 14.9634

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7200, 11.4770, 5.5076

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.9380, 31.0896, 14.9634 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(43, 5, 89)` looks like.

```
.text, #text, p{  
    color:rgb(43, 5, 89)  
}
```

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(43, 5, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 5, 89) }
```

Border

The CSS property to change the border of an element to YUV 25.9380, 31.0896, 14.9634 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(43, 5, 89) }
```


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

```
.border{ border-color:rgb(43, 5, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 5, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 5, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 5, 89); box-shadow:4px  
4px 4px 4px rgb(43, 5, 89) }
```

Background

The CSS property to change the background color of an element to YUV 25.9380, 31.0896, 14.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 5, 89) }
```

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

```
.background{ background-color: rgb(43, 5,  
89) }
```

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