

Converting Colors

YUV(61.9820, 14.3059, 31.5878)

Have a look what the booklet for
YUV(61.9820, 14.3059, 31.5878)
contains.

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Color

**YUV(61.9820, 14.3059,
31.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	62265B
RGB	98, 38, 91
RGB Percent	38%, 15%, 36%
CMY	0.6157, 0.8510, 0.6431
CMYK	0.00, 0.61, 0.07, 0.62
HSL	307°, 44%, 27%
HSV	307°, 61%, 38%
XYZ	7.6184, 4.7382, 10.4106
YIQ	61.9820, 18.7470, 29.2030

Conversions

Conversions Part 2

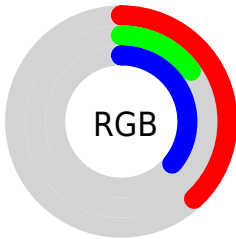
Format	Color
R_{YB}	98, 38, 91
Decimal	6432347
CIE _{Lab}	25.98, 34.65, -19.08
CIE _{LCh}	26, 39.559, 331.160
Yxy	4.7382, 0.3346, 0.2081
Android (android.graphics.Color)	4284622427 (0xFF62265B)
YUV	61.9820, 14.3059, 31.5878
Hunter-Lab	21.7675, 24.3805, -13.1189

Details

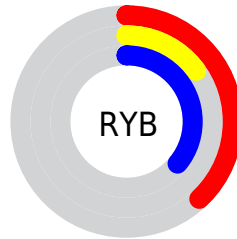
The YUV color **61.9820, 14.3059, 31.5878** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.0180, -14.3059, -31.5878**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2920, 14.1530, 33.9469**, and **19.7810, 12.4330, 25.6251** is the 20% darker color. If you saturate the color by 10%, you get **55.9980, 16.7630, 36.8358**, and if you desaturate by 10%, it is **67.9660, 11.8488, 26.3398**.

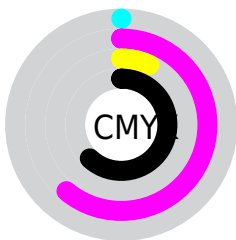
Distribution



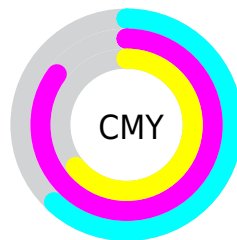
- Red (38%)
- Green (15%)
- Blue (36%)



- Red (38%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (7%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9820, 14.3059, 31.5878 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 61.9820, 14.3059, 31.5878 by changing the saturation by 10% instead.

61.9820, 14.3059,
31.5878

61.9820, 14.3059,
31.5878

255.0000, 0.0000,
0.0000

36.5090, 15.0321,
32.0026

112.2920, 14.1530,
33.9469

19.7810, 12.4330,
25.6251

138.1180, 14.7318,
34.9765

10.2110, 6.7980,
12.9700

164.8300, 14.8738,
36.1061

0.0000, 0.0000,
0.0000

192.5420, 15.0158,
37.2357

218.2640, 16.6318,
32.2175

235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

61.9820, 14.3059,
31.5878

61.9820, 14.3059,
31.5878

55.9980, 16.7630,
36.8358

67.9660, 11.8488,
26.3398

50.0140, 19.2201,
42.0837

73.9500, 9.3916,
21.0918

44.6170, 21.3878,
46.8169

79.3470, 7.2239,
16.3587

39.2200, 23.5555,
51.5501

85.4450, 5.2036,
11.0107

91.4290, 2.7465,
5.7628

■ 97.4130, 0.2894,
0.5148

■ 103.3970, -2.1677,
-4.7332

■ 108.7940, -4.3354,
-9.4663

■ 114.7780, -6.7926,
-14.7143

Harmonies

Analogous

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



62.2320, 25.0286, -1.0805



61.9820, 14.3059, 31.5878



57.8780, 2.0321, 48.3420

Triad

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



61.9820, 14.3059, 31.5878



57.9330, -28.5610, 14.0908



54.5130, 18.4811, -47.8079

Complementary

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



61.9820, 14.3059, 31.5878



74.0180, -14.3059, -31.5878

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.



51.0930, 5.3772, -44.8086



61.9820, 14.3059, 31.5878



53.7730, -26.0171, -8.5709

Square

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



61.9820, 14.3059, 31.5878



58.2220, -26.7314, 34.0083



46.3850, -7.5848, -40.6796



55.2600, 28.9588, -48.4630

Rectangle

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



61.9820, 14.3059, 31.5878



57.0710, -7.4300, 49.9267



46.3850, -7.5848, -40.6796



53.3730, 14.1131, -46.8081

Sweetspot

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



61.9820, 14.3059, 31.5878



114.1570, 5.3456, 12.1403



46.9330, 25.1760, -1.6952



55.5540, 3.1779, 7.4071



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



61.9820, 14.3059, 31.5878



71.5680, 22.3980, 49.4909



58.5620, 1.2019, 34.5871



45.6520, 1.1576, 2.0592



44.7740, 26.7334, 58.9572



95.9280, 57.2235, 126.3511

Inverse Universe

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



61.9820, 14.3059, 31.5878



71.5680, 22.3980, 49.4909



77.4380, -1.2019, -34.5871



45.6520, 1.1576, 2.0592



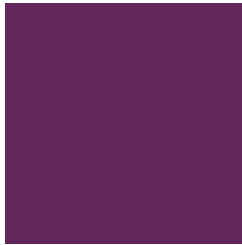
44.7740, 26.7334, 58.9572



95.9280, 57.2235, 126.3511

Previews

White Background



This preview shows how the YUV color 61.9820, 14.3059, 31.5878 looks on a white background.

Color Contrast Check

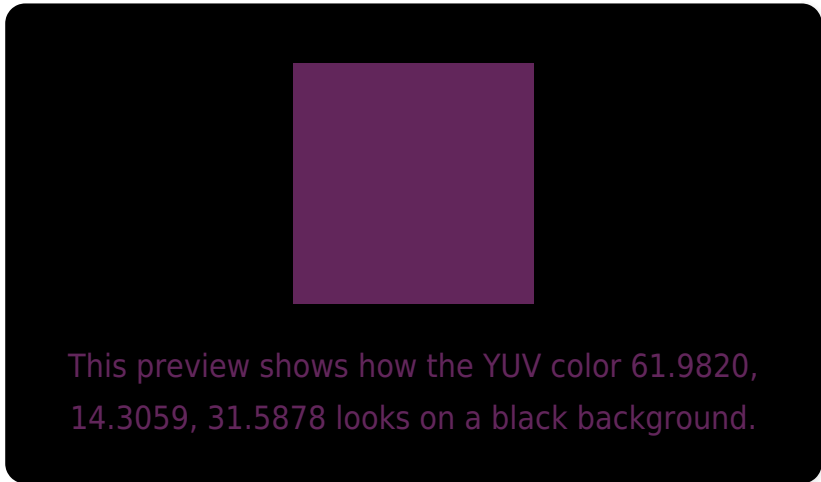
Large Text (above 18pt) WCAG AA ✓ Pass

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

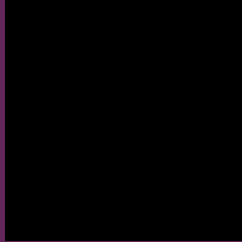
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9820, 14.3059, 31.5878

Background



This preview shows how black text looks on a background with the YUV color 61.9820, 14.3059, 31.5878.



This preview shows how white text looks on a background with the YUV color 61.9820, 14.3059,

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

61.9820, 14.3059, 31.5878

Protanopia

60.1220, 25.0829, -18.5240

Deuteranopia

62.4580, 12.0992, -7.4177



Tritanopia

62.7970, -5.3229, 27.3650

Trichromacy



Original Color

61.9820, 14.3059, 31.5878

Protanomaly

60.9070, 21.2448, -0.7954

Deuteranomaly

62.0730, 12.7820, 6.9520

Tritanomaly

62.3440, 1.8024, 28.6393

Monochromacy



Original Color

61.9820, 14.3059, 31.5878

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8580, 5.4930, 11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9820, 14.3059, 31.5878 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(98, 38, 91)` looks like.

```
.text, #text, p{  
    color:rgb(98, 38, 91)  
}
```

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(98, 38, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 38, 91) }
```

Border

The CSS property to change the border of an element to YUV 61.9820, 14.3059, 31.5878 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(98, 38, 91) }
```


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

```
.border{ border-color:rgb(98, 38, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 38, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 38, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 38, 91);  
box-shadow:4px 4px 4px 4px rgb(98, 38, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.9820, 14.3059, 31.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 38, 91) }
```

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

```
.background{ background-color: rgb(98, 38,  
91) }
```

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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