

Converting Colors

YUV(61.7830, 8.9810, -34.0127)

Have a look what the booklet for
YUV(61.7830, 8.9810, -34.0127)
contains.

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Color

**YUV(61.7830, 8.9810,
-34.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	174E50
RGB	23, 78, 80
RGB Percent	9%, 31%, 31%
CMY	0.9098, 0.6941, 0.6863
CMYK	0.71, 0.02, 0.00, 0.69
HSL	182°, 55%, 20%
HSV	182°, 71%, 31%
XYZ	4.5257, 6.2101, 8.5496
YIQ	61.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

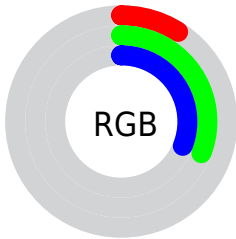
Format	Color
R_{YB}	23, 51, 80
Decimal	1527376
CIE _{Lab}	29.94, -16.78, -6.44
CIE _{LCh}	30, 17.971, 201.006
Yxy	6.2101, 0.2347, 0.3220
Android (android.graphics.Color)	4279717456 (0xFF174E50)
YUV	61.7830, 8.9810, -34.0127
Hunter-Lab	24.9201, -11.1931, -2.8970

Details

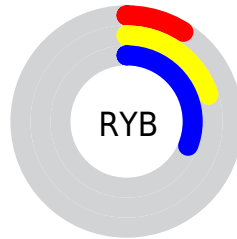
The YUV color **61.7830, 8.9810, -34.0127** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **41.2170, -8.9810, 34.0127**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9790, 8.3914, -31.5536**, and **23.4750, 6.1748, -20.5876** is the 20% darker color. If you saturate the color by 10%, you get **59.3910, 10.1602, -38.9309**, and if you desaturate by 10%, it is **64.1750, 7.8017, -29.0945**.

Distribution



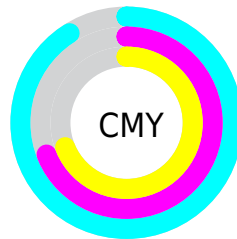
- Red (9%)
- Green (31%)
- Blue (31%)



- Red (9%)
- Yellow (20%)
- Blue (31%)



- Cyan (71%)
- Magenta (2%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7830, 8.9810, -34.0127 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 61.7830, 8.9810, -34.0127 by changing the saturation by 10% instead.

61.7830, 8.9810,
-34.0127

61.7830, 8.9810,
-34.0127

255.0000, 0.0000,
0.0000

38.7830, 8.9810,
-34.0127

111.9790, 8.3914,
-31.5536

23.4750, 6.1748,
-20.5876

137.6800, 8.5388,
-32.1684

2.2970, 6.2626,
-2.0145

164.3810, 8.6862,
-32.7831

0.0000, 0.0000,
0.0000

192.0820, 8.8336,
-33.3979

220.0820, 8.8336,
-33.3979

241.5450, 6.6333,

-27.6650

250.2160, 2.3585,
-9.8364

61.7830, 8.9810,
-34.0127

61.7830, 8.9810,
-34.0127

59.3910, 10.1602,
-38.9309

64.1750, 7.8017,
-29.0945

56.4120, 11.6289,
-43.3343

67.1540, 6.3331,
-24.6911

54.3190, 12.6607,
-47.6378

69.5460, 5.1538,
-19.7728

71.9380, 3.9746,
-14.8546

74.3300, 2.7953,
-9.9364

■ 77.3090, 1.3267,
-5.5330

■ 79.7010, 0.1474,
-0.6148

■ 82.0930, -1.0318,
4.3034

■ 85.0720, -2.5005,
8.7069

Harmonies

Analogous

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



64.3730, 0.8021, -24.0061



61.7830, 8.9810, -34.0127



62.5750, 14.5065, -32.9533

Triad

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



61.7830, 8.9810, -34.0127



72.7160, 7.5350, 9.8961



69.9340, -13.2785, 12.3359

Complementary

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



61.7830, 8.9810, -34.0127



41.2170, -8.9810, 34.0127

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.



71.2600, -10.9742, 19.9430



61.7830, 8.9810, -34.0127



72.1750, 1.3927, 20.0175

Square

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



61.7830, 8.9810, -34.0127



70.5940, 12.5252, -4.0289



71.4760, -5.1647, 23.2615



68.7970, -12.2249, 1.0550

Rectangle

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



61.7830, 8.9810, -34.0127



65.8580, 15.3530, -24.4315



71.4760, -5.1647, 23.2615



70.6570, -13.1419, 15.2098

Sweetspot

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



61.7830, 8.9810, -34.0127



97.8350, 3.5323, -13.0103



56.6870, -15.6217, -29.5435



49.2270, 2.3531, -8.0921



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.7830, 8.9810, -34.0127



75.7420, 14.4242, -53.2707



45.3470, 17.0839, -19.5983



39.8040, 0.5896, -2.4591



71.2570, 16.6353, -62.4924



157.9360, 36.5136, -138.5099

Inverse Universe

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



46.3130, 15.6217, 29.5435



51.7140, 24.2980, 46.7318



57.6530, -17.0839, 19.5983



38.6520, 1.1576, 2.0592



42.9090, 28.6389, 54.4538



94.9040, 63.6443, 120.2332

Previews

White Background



This preview shows how the YUV color 61.7830, 8.9810, -34.0127 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



This preview shows how the YUV color 61.7830, 8.9810, -34.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

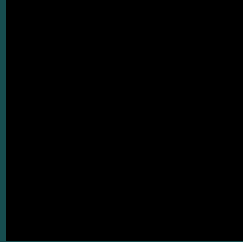
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

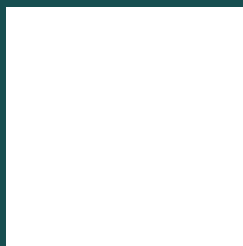
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.7830, 8.9810, -34.0127

Background



This preview shows how black text looks on a background with the YUV color 61.7830, 8.9810, -34.0127.



This preview shows how white text looks on a background with the YUV color 61.7830, 8.9810,

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

61.7830, 8.9810, -34.0127

Protanopia

70.5700, 2.1840, -0.4999

Deuteranopia

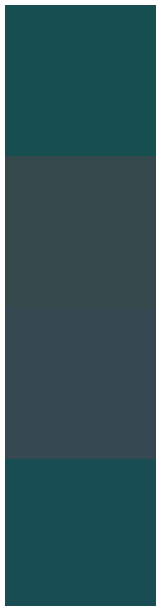
71.3790, 5.2362, 0.5446



Tritanopia

62.2500, 10.7227, -32.6683

Trichromacy



Original Color

61.7830, 8.9810, -34.0127

Protanomaly

67.4760, 4.6953, -12.6955

Deuteranomaly

67.6440, 6.5845, -11.9658

Tritanomaly

61.8370, 10.4334, -33.1830

Monochromacy



Original Color

61.7830, 8.9810, -34.0127

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7830, 8.9810, -34.0127 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(23, 78, 80)` looks like.

```
.text, #text, p{  
    color:rgb(23, 78, 80)  
}
```

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(23, 78, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 78, 80) }
```

Border

The CSS property to change the border of an element to YUV 61.7830, 8.9810, -34.0127 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(23, 78, 80) }
```


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

```
.border{ border-color:rgb(23, 78, 80) }
```

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

Here you see how a box with a 4 pixel rgb(23, 78, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 78, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 78, 80);  
box-shadow:4px 4px 4px 4px rgb(23, 78, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7830, 8.9810, -34.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 78, 80) }
```

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

```
.background{ background-color: rgb(23, 78,  
80) }
```

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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