

Converting Colors

YUV(21.1800, -6.4977, -15.9439)

Have a look what the booklet for
YUV(21.1800, -6.4977, -15.9439)
contains.

YUV(21.1800, -6.4977, -15.9439)	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(21.1800, -6.4977,
-15.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	032108
RGB	3, 33, 8
RGB Percent	1%, 13%, 3%
CMY	0.9882, 0.8706, 0.9686
CMYK	0.91, 0.00, 0.76, 0.87
HSL	130°, 83%, 7%
HSV	130°, 91%, 13%
XYZ	0.6252, 1.1246, 0.4138
YIQ	21.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

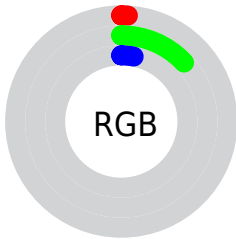
Format	Color
R_{YB}	3, 29, 33
Decimal	205064
CIE _{Lab}	9.99, -17.44, 11.30
CIE _{LCh}	10, 20.786, 147.058
Yxy	1.1246, 0.2890, 0.5198
Android (android.graphics.Color)	4278395144 (0xFF032108)
YUV	21.1800, -6.4977, -15.9439
Hunter-Lab	10.6047, -8.0342, 5.1095

Details

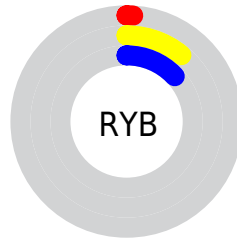
The YUV color **21.1800, -6.4977, -15.9439** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.8200, 6.4977, 15.9439**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.2940, -6.0609, -16.0438**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.9410, -7.3659, -17.4883**, and if you desaturate by 10%, it is **22.4190, -5.6296, -14.3995**.

Distribution



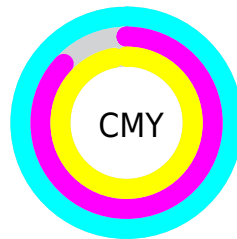
- Red (1%)
- Green (13%)
- Blue (3%)



- Red (1%)
- Yellow (11%)
- Blue (13%)



- Cyan (91%)
- Magenta (0%)
- Yellow (76%)
- Black (87%)



- Cyan (99%)
- Magenta (87%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.1800, -6.4977, -15.9439 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 21.1800, -6.4977, -15.9439 by changing the saturation by 10% instead.

■ 21.1800, -6.4977,
-15.9439

■ 21.1800, -6.4977,
-15.9439

■ 244.3050, -6.0664,
-14.2995

■ 0.0000, 0.0000,
0.0000

■ 65.2940, -6.0609,
-16.0438

■ 89.3540, -7.0765,
-16.9735

■ 113.9410, -7.3659,
-17.4883

■ 139.8270, -7.8027,
-17.3883

■ 166.1150, -7.9447,
-18.5179

■ 193.1150, -7.9447,

-18.5179

■ 221.0010, -8.3815,
-18.4179

■ 21.1800, -6.4977,
-15.9439

■ 21.1800, -6.4977,
-15.9439

■ 19.9410, -7.3659,
-17.4883

■ 22.4190, -5.6296,
-14.3995

■ 23.8430, -5.3456,
-12.1403

■ 25.0820, -4.4774,
-10.5959

■ 26.3210, -3.6093,
-9.0515

■ 27.8590, -2.8885,
-6.8923

■ 29.0980, -2.0203,
-5.3479

■ 30.2230, -1.5889,
-3.7036

■ 31.4620, -0.7208,
-2.1592

■ 33.0000, 0.0000,
0.0000

Harmonies

Analogous

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



24.7860, -12.2195, -0.6893



21.1800, -6.4977, -15.9439



22.9220, 1.5175, -20.1026

Triad

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



21.1800, -6.4977, -15.9439



23.2930, 15.6316, -20.4280



25.9490, -5.8909, 22.8467

Complementary

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



21.1800, -6.4977, -15.9439



14.8200, 6.4977, 15.9439

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.



27.0720, 0.9505, 21.8619



21.1800, -6.4977, -15.9439



27.6050, 12.5197, -2.2846

Square

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



21.1800, -6.4977, -15.9439



25.1850, 12.7268, -22.0872



28.3250, 7.2348, 12.8700



26.3800, -13.0053, 18.0837

Rectangle

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



21.1800, -6.4977, -15.9439



23.9480, 5.4486, -21.0024



28.3250, 7.2348, 12.8700



26.3450, -3.1281, 23.3764

Sweetspot

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



21.1800, -6.4977, -15.9439



38.6850, -2.3097, -5.8627



28.0850, -12.3669, -0.0745



20.2230, -1.5889, -3.7036



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



21.1800, -6.4977, -15.9439



26.0390, -9.3862, -22.8362



22.8900, 0.0542, -17.4435



14.5870, -0.2894, -0.5148



47.8550, -17.1835, -41.9688



125.3850, -45.0528, -109.9626

Inverse Universe

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



14.8200, 6.4977, 15.9439



16.9610, 9.3862, 22.8362



13.1100, -0.0542, 17.4435



14.4130, 0.2894, 0.5148



31.1450, 17.1835, 41.9688



81.5010, 44.6160, 110.0626

Previews

White Background



This preview shows how the YUV color 21.1800, -6.4977, -15.9439 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 21.1800, -6.4977, -15.9439

Background



This preview shows how black text looks on a background with the YUV color 21.1800, -6.4977, -15.9439.



This preview shows how white text looks on a background with the YUV color 21.1800, -6.4977, -15.9439.

-15.9439.

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

21.1800, -6.4977, -15.9439

Protanopia

26.8020, -9.7624, 4.5586

Deuteranopia

27.5680, -8.1680, 6.5179



Tritanopia

26.1450, 3.3795, -10.6512

Trichromacy



Original Color

21.1800, -6.4977, -15.9439

Protanomaly

24.6870, -8.7197, -3.2335

Deuteranomaly

25.0400, -7.4147, -1.7891

Tritanomaly

24.5100, -0.2514, -12.7253

Monochromacy



Original Color

21.1800, -6.4977, -15.9439

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.6850, -2.3097, -5.8627

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.1800, -6.4977, -15.9439 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(3, 33, 8)` looks like.

```
.text, #text, p{  
    color:rgb(3, 33, 8)  
}
```

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(3, 33, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 33, 8) }
```

Border

The CSS property to change the border of an element to YUV 21.1800, -6.4977, -15.9439 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(3, 33, 8) }
```


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

```
.border{ border-color:rgb(3, 33, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 33, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 33, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 33, 8); box-shadow:4px  
4px 4px 4px rgb(3, 33, 8) }
```

Background

The CSS property to change the background color of an element to YUV 21.1800, -6.4977, -15.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 33, 8) }
```

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

```
.background{ background-color: rgb(3, 33,  
8) }
```

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