

Converting Colors

YUV(21.4740, -9.1077, -18.8327)

Have a look what the booklet for
YUV(21.4740, -9.1077, -18.8327)
contains.

YUV(21.4740, -9.1077, -18.8327)	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>	30

Color

**YUV(21.4740, -9.1077,
-18.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	002403
RGB	0, 36, 3
RGB Percent	0%, 14%, 1%
CMY	1.0000, 0.8588, 0.9882
CMYK	1.00, 0.00, 0.92, 0.86
HSL	125°, 100%, 7%
HSV	125°, 100%, 14%
XYZ	0.6473, 1.2683, 0.2968
YIQ	21.4740, -10.8630, -17.8950

Conversions

Conversions Part 2

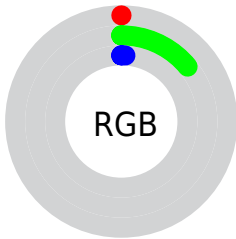
Format	Color
RYB	0, 33, 36
Decimal	9219
CIELab	11.05, -21.12, 14.81
CIELCh	11, 25.797, 144.964
Yxy	1.2683, 0.2926, 0.5733
Android (android.graphics.Color)	4278199299 (0xFF002403)
YUV	21.4740, -9.1077, -18.8327
Hunter-Lab	11.2620, -9.4488, 6.3206

Details

The YUV color **21.4740, -9.1077, -18.8327** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.5260, 9.1077, 18.8327**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.2890, -8.5235, -19.5475**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.4740, -9.1077, -18.8327**, and if you desaturate by 10%, it is **23.0120, -8.3869, -16.6735**.

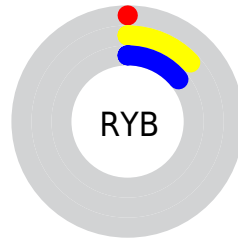
Distribution



Red (0%)

Green (14%)

Blue (1%)



Red (0%)

Yellow (13%)

Blue (14%)

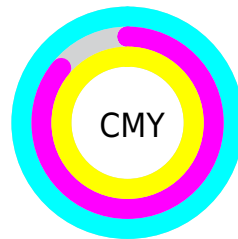


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (86%)



Cyan (100%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.4740, -9.1077, -18.8327 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 21.4740, -9.1077, -18.8327 by changing the saturation by 10% instead.

■ 21.4740, -9.1077,
-18.8327

■ 21.4740, -9.1077,
-18.8327

■ 243.2510, -7.5187,
-15.1291

■ 4.1090, -2.0257,
-3.6036

■ 66.2890, -8.5235,
-19.5475

■ 0.0000, 0.0000,
0.0000

■ 90.7620, -9.2497,
-19.9623


■ 115.3490, -9.5391,
-20.4771


■ 140.9360, -9.8284,
-20.9919


■ 167.4090,
-10.5546, -21.4067


■ 194.9960,


-10.8440, -21.9215


 222.8820,
-11.2808, -21.8215


 21.4740, -9.1077,
-18.8327

 23.0120, -8.3869,
-16.6735

 24.3650, -7.0819,
-15.2291

 25.9030, -6.3612,
-13.0699

 27.1420, -5.4930,
-11.5255

 28.7940, -4.3354,
-9.4663

■ 30.3320, -3.6147,
-7.3072

■ 31.5710, -2.7465,
-5.7628

■ 33.1090, -2.0257,
-3.6036

■ 34.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



26.8460, -13.2351, -1.6189



21.4740, -9.1077, -18.8327



25.2700, 0.3599, -22.1618

Triad

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



21.4740, -9.1077, -18.8327



26.7810, 18.8420, -23.4869



26.6940, -5.7651, 29.2094

Complementary

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



21.4740, -9.1077, -18.8327



14.5260, 9.1077, 18.8327

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.



27.8600, 2.5340, 27.3098



21.4740, -9.1077, -18.8327



28.9080, 16.3144, -6.0583

Square

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



21.4740, -9.1077, -18.8327



27.7440, 14.9162, -24.3315



30.6180, 9.5553, 15.2440



27.8860, -13.7478, 22.9020

Rectangle

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



21.4740, -9.1077, -18.8327



26.6380, 5.6015, -23.3615



30.6180, 9.5553, 15.2440



27.2040, -2.5656, 29.6391

Sweetspot

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



21.4740, -9.1077, -18.8327



40.3320, -3.6147, -7.3072



30.9990, -15.2825, 1.7549



19.6960, -2.3151, -4.1184



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.



21.4740, -9.1077, -18.8327



27.4580, -11.5648, -24.0807



23.5260, -1.2453, -20.6323



17.1740, -0.5788, -1.0296



48.9320, -20.6725, -42.9134



124.6210, -53.0572, -109.2926

Inverse Universe

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



14.5260, 9.1077, 18.8327



18.5420, 11.5648, 24.0807



12.4740, 1.2453, 20.6323



16.8260, 0.5788, 1.0296



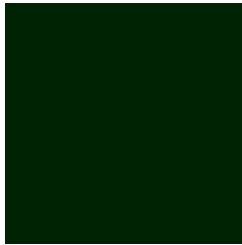
33.0680, 20.6725, 42.9134



84.3790, 53.0572, 109.2926

Previews

White Background



This preview shows how the YUV color 21.4740, -9.1077, -18.8327 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

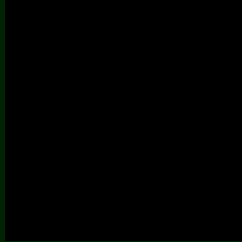
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.4740, -9.1077, -18.8327

Background



This preview shows how black text looks on a background with the YUV color 21.4740, -9.1077, -18.8327.

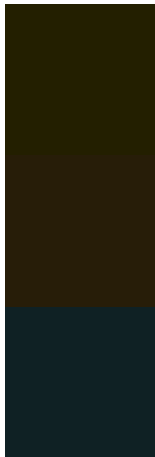


This preview shows how white text looks on a background with the YUV color 21.4740, -9.1077, -18.8327.

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



Protanopia

28.6620, -14.1304, 5.5584

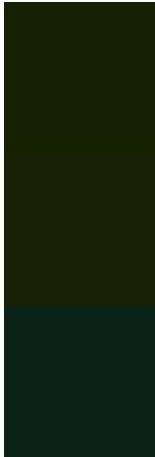
Deuteranopia

29.5960, -10.6468, 8.2473

Tritanopia

27.9600, 3.9637, -11.3659

Trichromacy



Protanomaly

26.0630, -12.3561, -3.5633

Deuteranomaly

26.9430, -10.3249, -1.7040

Tritanomaly

25.6840, -0.8302, -13.7549

Monochromacy



Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.4740, -9.1077, -18.8327 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(0, 36, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 3)  
}
```

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(0, 36, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 3) }
```

Border

The CSS property to change the border of an element to YUV 21.4740, -9.1077, -18.8327 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(0, 36, 3) }
```

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

```
.border{ border-color:rgb(0, 36, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 3); box-shadow:4px  
4px 4px 4px rgb(0, 36, 3) }
```


Background

The CSS property to change the background color of an element to YUV 21.4740, -9.1077, -18.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 3) }
```

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

```
.background{ background-color: rgb(0, 36,  
3) }
```

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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