

Converting Colors

YUV(41.9500, -0.9614, -18.3732)

Have a look what the booklet for
YUV(41.9500, -0.9614, -18.3732)
contains.

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Color

**YUV(41.9500, -0.9614,
-18.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	153528
RGB	21, 53, 40
RGB Percent	8%, 21%, 16%
CMY	0.9176, 0.7922, 0.8431
CMYK	0.60, 0.00, 0.25, 0.79
HSL	156°, 43%, 15%
HSV	156°, 60%, 21%
XYZ	1.9654, 2.8588, 2.4557
YIQ	41.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

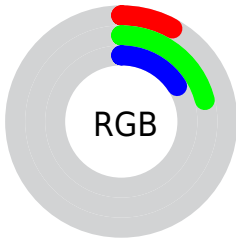
Format	Color
R_{YB}	21, 41, 53
Decimal	1389864
CIE _{Lab}	19.47, -15.65, 4.65
CIE _{LCh}	19, 16.324, 163.460
Yxy	2.8588, 0.2700, 0.3927
Android (android.graphics.Color)	4279579944 (0xFF153528)
YUV	41.9500, -0.9614, -18.3732
Hunter-Lab	16.9081, -8.8407, 3.2245

Details

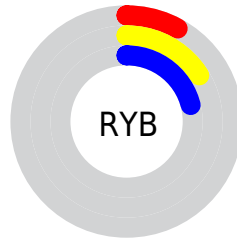
The YUV color **41.9500, -0.9614, -18.3732** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **32.0500, 0.9614, 18.3732**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4230, -1.6875, -18.7880**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.2270, -1.0979, -21.2471**, and if you desaturate by 10%, it is **43.6730, -0.8248, -15.4992**.

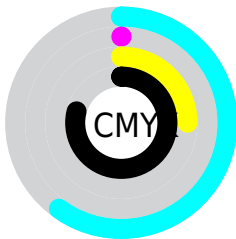
Distribution



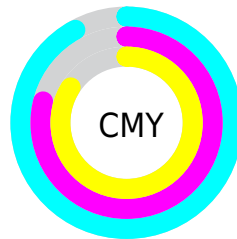
- Red (8%)
- Green (21%)
- Blue (16%)



- Red (8%)
- Yellow (16%)
- Blue (21%)



- Cyan (60%)
- Magenta (0%)
- Yellow (25%)
- Black (79%)



- Cyan (92%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9500, -0.9614, -18.3732 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 41.9500, -0.9614, -18.3732 by changing the saturation by 10% instead.

■ 41.9500, -0.9614,
-18.3732

■ 41.9500, -0.9614,
-18.3732

■ 254.4020, 0.2948,
-1.2296

■ 21.0640, -0.5246,
-18.4731

■ 88.4230, -1.6875,
-18.7880

■ 0.0000, 0.0000,
0.0000

■ 113.0100, -1.9769,
-19.3028

■ 138.7110, -1.8295,
-19.9175

■ 165.2980, -2.1189,
-20.4323

■ 191.9990, -1.9715,
-21.0471

■ 219.8850, -2.4083,

-20.9471

■ 244.4770, -0.2352,
-17.9583

■ 41.9500, -0.9614,
-18.3732

■ 41.9500, -0.9614,
-18.3732

■ 40.2270, -1.0979,
-21.2471

■ 43.6730, -0.8248,
-15.4992

■ 38.2050, -1.0871,
-24.7358

■ 45.6950, -0.8356,
-12.0105

■ 36.4820, -1.2236,
-27.6097

■ 47.4180, -0.6991,
-9.1366

■ 34.6450, -1.7970,
-30.3837

■ 49.2550, -0.1257,
-6.3626

■ 51.2770, -0.1366,
-2.8739

■ 53.0000, 0.0000,
0.0000

■ 54.7230, 0.1366,
2.8739

■ 56.4460, 0.2731,
5.7479

■ 58.4680, 0.2623,
9.2366

Harmonies

Analogous

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



44.0070, -7.3985, -7.0221



41.9500, -0.9614, -18.3732



37.9360, 6.9336, -30.6389

Triad

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



41.9500, -0.9614, -18.3732



46.3440, 11.6624, -7.3177



47.3460, -8.0586, 18.1136

Complementary

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



41.9500, -0.9614, -18.3732



32.0500, 0.9614, 18.3732

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.



48.0240, -2.9698, 19.2730



41.9500, -0.9614, -18.3732



48.3950, 7.6933, 5.7926

Square

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



41.9500, -0.9614, -18.3732



42.4130, 13.6004, -22.2872



48.7830, 2.5720, 15.0993



46.8030, -11.2419, 12.4508

Rectangle

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



41.9500, -0.9614, -18.3732



37.9510, 10.8702, -33.2830



48.7830, 2.5720, 15.0993



47.5140, -6.1694, 18.8432

Sweetspot

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



41.9500, -0.9614, -18.3732



64.5430, -0.2677, -7.4922



43.6710, -11.1768, -8.4815



33.2660, -0.1311, -4.6183



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.9500, -0.9614, -18.3732



51.7700, -1.3656, -28.7393



41.6710, 5.5852, -18.1285



24.8750, -0.4314, -1.6444



58.2850, -2.6055, -51.1159



142.0850, -6.4509, -124.6085

Inverse Universe

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



32.0500, 0.9614, 18.3732



36.2300, 1.3656, 28.7393



32.3290, -5.5852, 18.1285



24.0110, -0.0054, 1.7444



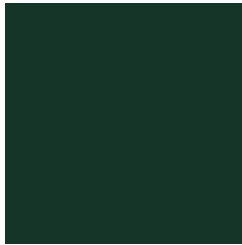
30.7150, 2.6055, 51.1159



74.9150, 6.4509, 124.6085

Previews

White Background



This preview shows how the YUV color 41.9500, -0.9614, -18.3732 looks on a white background.

Color Contrast Check

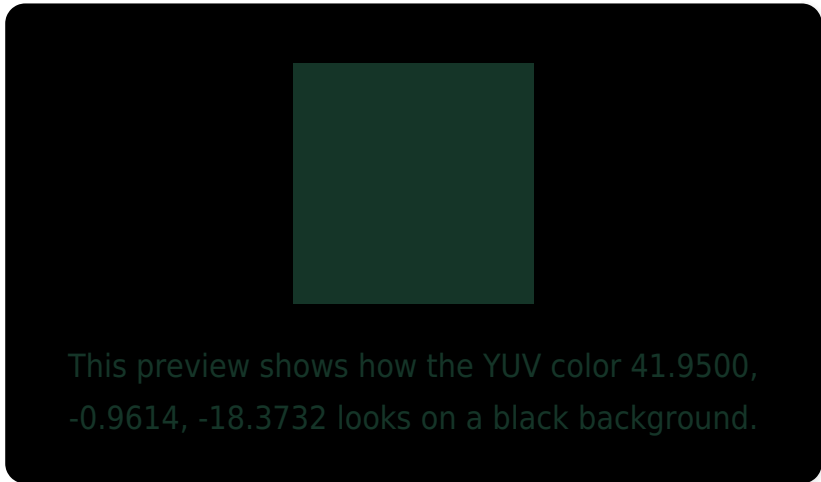
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9500, -0.9614, -18.3732

Background



This preview shows how black text looks on a background with the YUV color 41.9500, -0.9614, -18.3732.



This preview shows how white text looks on a background with the YUV color 41.9500, -0.9614,

-18.3732.

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

41.9500, -0.9614, -18.3732

Protanopia

46.7570, -4.8102, 2.8441

Deuteranopia

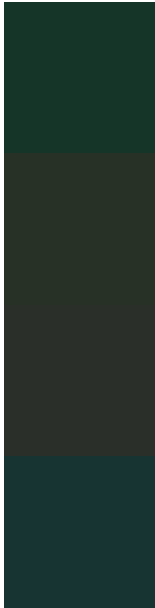
47.3490, -2.6371, 5.8329



Tritanopia

43.9810, 5.4324, -15.7693

Trichromacy



Original Color

41.9500, -0.9614, -18.3732

Protanomaly

44.7560, -3.3307, -5.0480

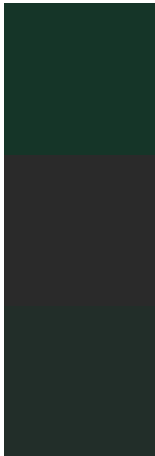
Deuteranomaly

45.4080, -2.1731, -2.9888

Tritanomaly

43.4000, 3.2538, -17.0138

Monochromacy



Original Color

41.9500, -0.9614, -18.3732

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9500, -0.9614, -18.3732 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(21, 53, 40)` looks like.

```
.text, #text, p{  
    color:rgb(21, 53, 40)  
}
```

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(21, 53, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 53, 40) }
```

Border

The CSS property to change the border of an element to YUV 41.9500, -0.9614, -18.3732 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(21, 53, 40) }
```


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

```
.border{ border-color:rgb(21, 53, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 53, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 53, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 53, 40);  
box-shadow:4px 4px 4px 4px rgb(21, 53, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9500, -0.9614, -18.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 53, 40) }
```

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

```
.background{ background-color: rgb(21, 53,  
40) }
```

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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