

Converting Colors

YUV(19.4940, 7.6445, 21.4918)

Have a look what the booklet for
YUV(19.4940, 7.6445, 21.4918)
contains.

YUV(19.4940, 7.6445, 21.4918)	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(19.4940, 7.6445,
21.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	2C0423
RGB	44, 4, 35
RGB Percent	17%, 2%, 14%
CMY	0.8275, 0.9843, 0.8627
CMYK	0.00, 0.91, 0.20, 0.83
HSL	314°, 83%, 9%
HSV	314°, 91%, 17%
XYZ	1.3855, 0.7437, 1.6606
YIQ	19.4940, 13.8890, 18.1210

Conversions

Conversions Part 2

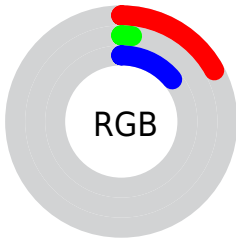
Format	Color
R_{YB}	44, 4, 35
Decimal	2884643
CIE Lab	6.72, 24.22, -10.43
CIE LCh	7, 26.371, 336.701
Yxy	0.7437, 0.3656, 0.1962
Android (android.graphics.Color)	4281074723 (0xFF2C0423)
YUV	19.4940, 7.6445, 21.4918
Hunter-Lab	8.6235, 13.5874, -5.3809

Details

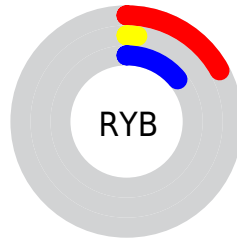
The YUV color **19.4940, 7.6445, 21.4918** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28.5060, -7.6445, -21.4918**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.9780, 6.9128, 22.8213**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.0320, 8.3652, 23.6509**, and if you desaturate by 10%, it is **21.9560, 6.9237, 19.3326**.

Distribution



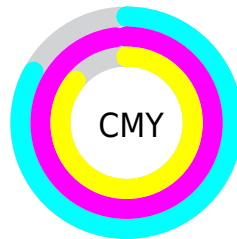
- Red (17%)
- Green (2%)
- Blue (14%)



- Red (17%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (91%)
- Yellow (20%)
- Black (83%)



- Cyan (83%)
- Magenta (98%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.4940, 7.6445, 21.4918 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 19.4940, 7.6445, 21.4918 by changing the saturation by 10% instead.

■ 19.4940, 7.6445,
21.4918

■ 19.4940, 7.6445,
21.4918

■ 240.3250, 7.2348,
12.8700

■ 7.0490, 2.4408,
10.4810

■ 64.9780, 6.9128,
22.8213

■ 0.0000, 0.0000,
0.0000

■ 89.1030, 7.3442,
24.4657


■ 113.8150, 7.4862,
25.5952

■ 139.5270, 7.6282,
26.7248

■ 165.9400, 7.9176,
27.2396


■ 193.2390, 7.7702,


27.8544

 221.5380, 7.6228,
28.4692

 19.4940, 7.6445,
21.4918


 19.4940, 7.6445,
21.4918


 17.0320, 8.3652,
23.6509

 21.9560, 6.9237,
19.3326

 25.0050, 5.9135,
16.6586

 27.4670, 5.1928,
14.4994

 30.5160, 4.1826,
11.8255

 32.9780, 3.4618,
9.6663

■ 35.4400, 2.7411,
7.5071

■ 38.4890, 1.7309,
4.8331

■ 40.9510, 1.0102,
2.6740

■ 44.0000, 0.0000,
0.0000

Harmonies

Analogous

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



21.2790, 13.6665, 3.2633



19.4940, 7.6445, 21.4918



17.1870, -0.0922, 29.6540

Triad

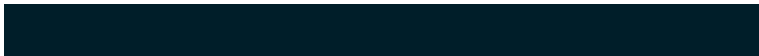
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.4940, 7.6445, 21.4918



20.0900, -9.9044, 3.4291



22.2840, 9.2270, -19.5431

Complementary

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



19.4940, 7.6445, 21.4918



28.5060, -7.6445, -21.4918

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.



20.9330, 1.5120, -18.3582



19.4940, 7.6445, 21.4918



15.8490, -7.8136, -13.8996

Square

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



19.4940, 7.6445, 21.4918



19.8790, -9.8003, 16.7691



17.6100, -8.6817, -15.4440



21.8910, 15.3367, -19.1984

Rectangle

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



19.4940, 7.6445, 21.4918



16.4230, -8.0965, 30.3240



17.6100, -8.6817, -15.4440



22.3010, 6.7536, -19.5580

Sweetspot

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



19.4940, 7.6445, 21.4918



46.8530, 3.0305, 8.0219



11.2510, 16.1453, 1.5339



22.4890, 1.7309, 4.8331



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



19.4940, 7.6445, 21.4918



21.6460, 10.5275, 30.1285



17.2140, -1.0915, 23.4913



21.7120, 0.1420, 1.1296



33.6510, 16.4411, 46.7871



82.9100, 40.9634, 114.9659

Inverse Universe

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



19.4940, 7.6445, 21.4918



21.6460, 10.5275, 30.1285



30.7860, 1.0915, -23.4913



21.7120, 0.1420, 1.1296



33.6510, 16.4411, 46.7871



82.9100, 40.9634, 114.9659

Previews

White Background



This preview shows how the YUV color 19.4940, 7.6445, 21.4918 looks on a white background.

Color Contrast Check

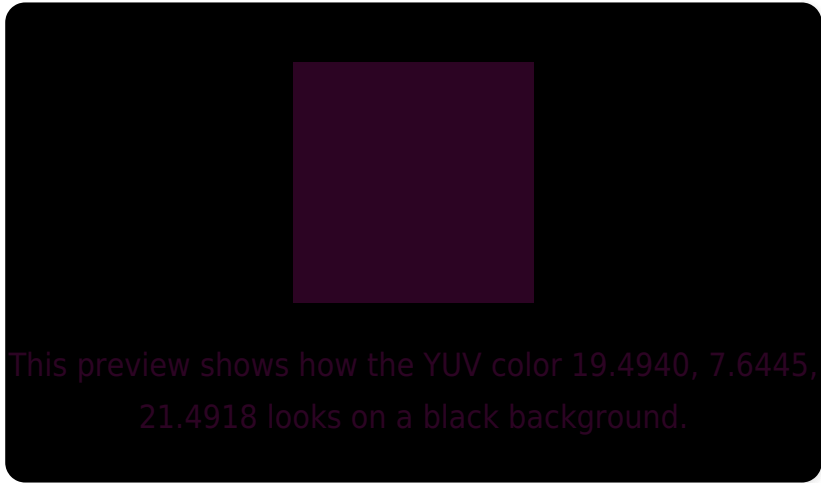
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4940, 7.6445, 21.4918

Background



This preview shows how black text looks on a background with the YUV color 19.4940, 7.6445, 21.4918.



This preview shows how white text looks on a background with the YUV color 19.4940, 7.6445,

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

19.4940, 7.6445, 21.4918

Protanopia

20.5820, 14.0101, -13.6654

Deuteranopia

24.4280, 4.2260, -2.1294



Tritanopia

22.4860, -3.6906, 17.1138

Trichromacy



Original Color

19.4940, 7.6445, 21.4918

Protanomaly

20.0890, 11.7881, -0.9551

Deuteranomaly

22.8250, 5.5093, 6.2925

Tritanomaly

21.2350, 0.3771, 19.0879

Monochromacy



Original Color

19.4940, 7.6445, 21.4918

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.4400, 2.7411, 7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.4940, 7.6445, 21.4918 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(44, 4, 35)` looks like.

```
.text, #text, p{  
    color:rgb(44, 4, 35)  
}
```

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(44, 4, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 4, 35) }
```

Border

The CSS property to change the border of an element to YUV 19.4940, 7.6445, 21.4918 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(44, 4, 35) }
```


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

```
.border{ border-color:rgb(44, 4, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 4, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 4, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 4, 35); box-shadow:4px  
4px 4px 4px rgb(44, 4, 35) }
```

Background

The CSS property to change the background color of an element to YUV 19.4940, 7.6445, 21.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 4, 35) }
```

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

```
.background{ background-color: rgb(44, 4,  
35) }
```

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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