

# Converting Colors

YUV(21.0190, -5.4324, 15.7693)

Have a look what the booklet for  
YUV(21.0190, -5.4324, 15.7693)  
contains.

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# Color

**YUV(21.0190, -5.4324,  
15.7693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270E0A
RGB	39, 14, 10
RGB Percent	15%, 5%, 4%
CMY	0.8471, 0.9451, 0.9608
CMYK	0.00, 0.64, 0.74, 0.85
HSL	8°, 59%, 10%
HSV	8°, 74%, 15%
XYZ	1.0485, 0.7673, 0.3800
YIQ	21.0190, 16.1840, 4.0560

# Conversions

## Conversions Part 2

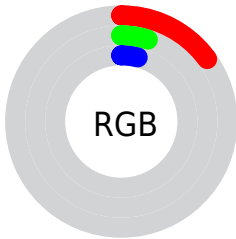
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 15, 10
Decimal	2559498
CIE Lab	6.93, 12.46, 6.51
CIE LCh	7, 14.064, 27.596
Yxy	0.7673, 0.4775, 0.3494
Android (android.graphics.Color)	4280749578 (0xFF270E0A)
YUV	21.0190, -5.4324, 15.7693
Hunter-Lab	8.7597, 6.0367, 3.5597

# Details

The YUV color **21.0190, -5.4324, 15.7693** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27.9810, 5.4324, -15.7693**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4430, -5.1484, 18.0285**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.8020, -6.3114, 17.7136**, and if you desaturate by 10%, it is **23.2360, -4.5533, 13.8250**.

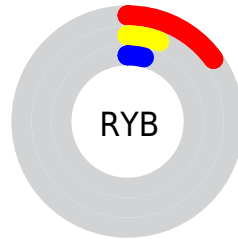
# Distribution



Red (15%)

Green (5%)

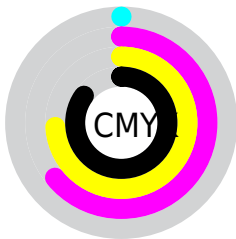
Blue (4%)



Red (15%)

Yellow (6%)

Blue (4%)

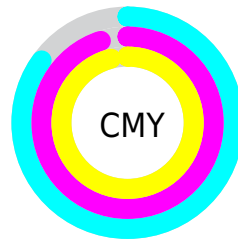


Cyan (0%)

Magenta (64%)

Yellow (74%)

Black (85%)



Cyan (85%)

Magenta (95%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 21.0190, -5.4324, 15.7693 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 21.0190, -5.4324, 15.7693 by changing the saturation by 10% instead.



■ 21.0190, -5.4324,  
15.7693

■ 21.0190, -5.4324,  
15.7693

■ 242.6270, -4.2531,  
10.8511

■ 0.0000, 0.0000,  
0.0000

■ 64.4430, -5.1484,  
18.0285

■ 88.0410, -5.4432,  
19.2580

■ 113.2260, -6.0274,  
19.9728

■ 138.5250, -6.1748,  
20.5876

■ 165.1230, -6.4696,  
21.8171

■ 192.3080, -7.0538,

22.5319

■ 219.7210, -6.7645,  
23.0467

■ 21.0190, -5.4324,  
15.7693

■ 21.0190, -5.4324,  
15.7693

■ 18.8020, -6.3114,  
17.7136

■ 23.2360, -4.5533,  
13.8250

■ 15.9980, -6.9010,  
20.1728

■ 26.0400, -3.9637,  
11.3659

■ 14.5960, -7.1958,  
21.4023

■ 28.2570, -3.0847,  
9.4216

■ 30.4740, -2.2057,  
7.4773

■ 33.2780, -1.6161,  
5.0182

■ 35.3810, -1.1738,  
3.1739

■ 38.1850, -0.5842,  
0.7148

■ 40.4020, 0.2948,  
-1.2296

■ 42.6190, 1.1738,  
-3.1739

# Harmonies

## Analogous

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



21.6150, 0.6828, 14.3696



21.0190, -5.4324, 15.7693



20.7430, -10.2263, 13.3804

# Triad

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



21.0190, -5.4324, 15.7693



16.8430, -5.3456, -12.1403



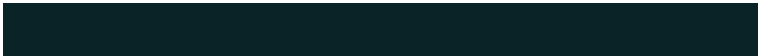
18.9580, 10.3737, -13.9952

# Complementary

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



21.0190, -5.4324, 15.7693



27.9810, 5.4324, -15.7693

# 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.



18.8930, 8.9268, -16.5692



21.0190, -5.4324, 15.7693



18.1290, 0.9224, -15.8991

# Square

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



21.0190, -5.4324, 15.7693



19.7690, -9.7461, -0.6744



19.2690, 5.2904, -16.8989



21.7640, 8.0043, -0.6700



# Rectangle

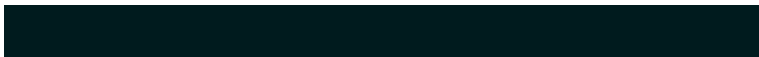
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.0190, -5.4324, 15.7693



20.7210, -10.2155, 9.8917



19.2690, 5.2904, -16.8989



18.5340, 10.0897, -16.2543

# Sweetspot

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



21.0190, -5.4324, 15.7693



43.8760, -1.9109, 6.2477



21.5210, 6.6451, 15.3291



21.6800, -1.3212, 3.7886



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000



# Same Dimension

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



21.0190, -5.4324, 15.7693



22.9770, -8.3697, 24.5762



29.2370, -9.4838, 8.5622



19.1850, -0.5842, 0.7148



32.1600, -15.8549, 45.4637

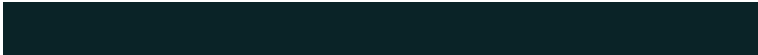


80.4110, -39.6426, 115.4036



# Inverse Universe

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



27.9810, 5.4324, -15.7693



34.0230, 8.3697, -24.5762



19.7630, 9.4838, -8.5622



19.4020, 0.2948, -1.2296



52.4270, 15.5655, -45.9785

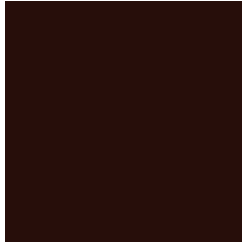


131.0020, 39.9320, -114.8888



# Previews

## White Background



This preview shows how the YUV color 21.0190, -5.4324, 15.7693 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

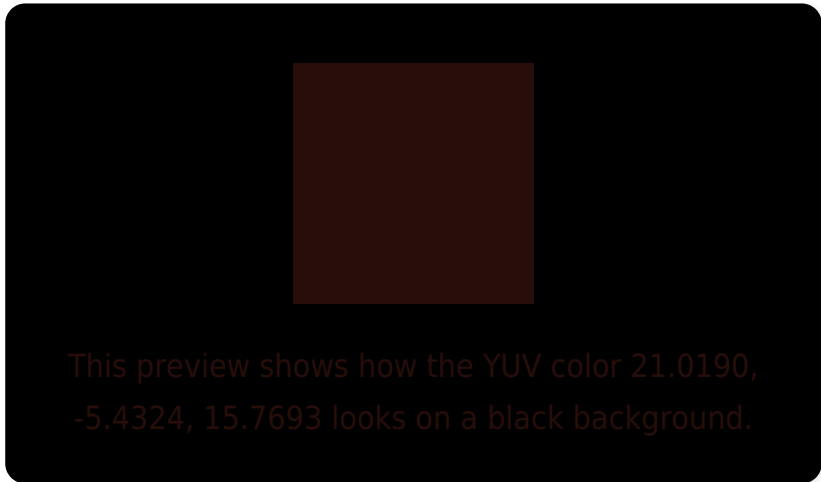
Any Text WCAG AA ✓ Pass

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

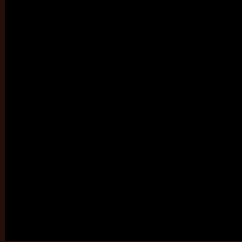
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 21.0190, -5.4324, 15.7693**

## **Background**



This preview shows how black text looks on a background with the YUV color 21.0190, -5.4324, 15.7693.



This preview shows how white text looks on a background with the YUV color 21.0190, -5.4324, 15.7693.



# 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

21.0190, -5.4324, 15.7693

### Protanopia

22.4580, -4.6628, 2.2293

### Deuteranopia

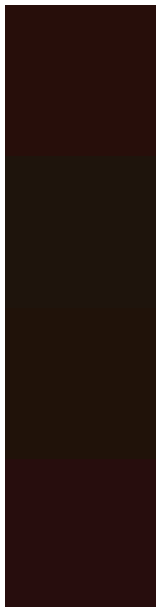
21.6110, -6.7102, 5.6032



## Tritanopia

20.8880, -3.3958, 15.8842

# Trichromacy



## Original Color

21.0190, -5.4324, 15.7693

## Protanomaly

22.0780, -4.9685, 6.9476

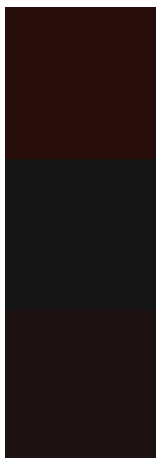
## Deuteranomaly

21.1600, -5.9949, 9.5067

## Tritanomaly

20.7740, -3.8326, 15.9842

# Monochromacy



## Original Color

21.0190, -5.4324, 15.7693

## Achromatopsia

21.0000, 0.0000, 0.0000

## Achromatomaly

20.8760, -1.9109, 6.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 21.0190, -5.4324, 15.7693 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(39, 14, 10)` looks like.

```
.text, #text, p{  
    color:rgb(39, 14, 10)  
}
```

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(39, 14, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 14, 10) }
```

## Border

The CSS property to change the border of an element to YUV 21.0190, -5.4324, 15.7693 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(39, 14, 10) }
```



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

```
.border{ border-color:rgb(39, 14, 10) }
```

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

Here you see how a box with a 4 pixel rgb(39, 14, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 14, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 14, 10);  
box-shadow:4px 4px 4px 4px rgb(39, 14, 10)  
}
```

# Background

The CSS property to change the background color of an element to YUV 21.0190, -5.4324, 15.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 14, 10) }
```

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

```
.background{ background-color: rgb(39, 14,  
10) }
```

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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