

# Converting Colors

YUV(28.0190, -5.4324, 15.7693)

Have a look what the booklet for  
YUV(28.0190, -5.4324, 15.7693)  
contains.

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# Color

**YUV(28.0190, -5.4324,  
15.7693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E1511
RGB	46, 21, 17
RGB Percent	18%, 8%, 7%
CMY	0.8196, 0.9176, 0.9333
CMYK	0.00, 0.54, 0.63, 0.82
HSL	8°, 46%, 12%
HSV	8°, 63%, 18%
XYZ	1.4961, 1.1576, 0.6749
YIQ	28.0190, 16.1840, 4.0560

# Conversions

## Conversions Part 2

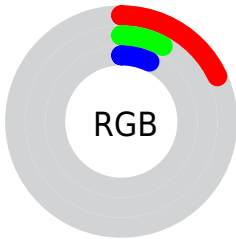
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 22, 17
Decimal	3020049
CIE <sub>Lab</sub>	10.24, 12.20, 8.00
CIE <sub>LCh</sub>	10, 14.589, 33.271
Yxy	1.1576, 0.4495, 0.3478
Android (android.graphics.Color)	4281210129 (0xFF2E1511)
YUV	28.0190, -5.4324, 15.7693
Hunter-Lab	10.7594, 5.9909, 3.8125

# Details

The YUV color **28.0190, -5.4324, 15.7693** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.9810, 5.4324, -15.7693**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.4000, -6.6062, 18.9432**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.1010, -6.4588, 18.3284**, and if you desaturate by 10%, it is **30.9370, -4.4059, 13.2103**.

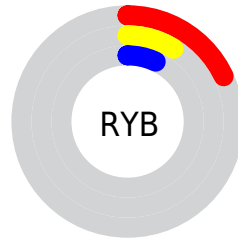
# Distribution



Red (18%)

Green (8%)

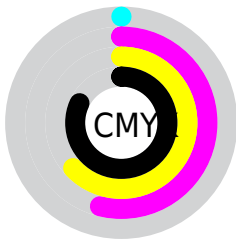
Blue (7%)



Red (18%)

Yellow (9%)

Blue (7%)

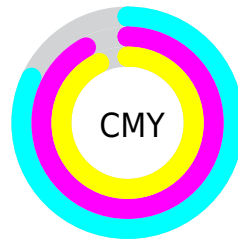


Cyan (0%)

Magenta (54%)

Yellow (63%)

Black (82%)



Cyan (82%)

Magenta (92%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 28.0190, -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 28.0190, -5.4324, 15.7693 by changing the saturation by 10% instead.



■ 28.0190, -5.4324,  
15.7693

■ 28.0190, -5.4324,  
15.7693

■ 248.7080, -3.8000,  
5.5181

■ 7.7740, -3.8326,  
15.9842

■ 72.4000, -6.6062,  
18.9432

■ 0.0000, 0.0000,  
0.0000

■ 95.9980, -6.9010,  
20.1728

■ 121.1830, -7.4852,  
20.8875

■ 146.8950, -7.3432,  
22.0171

■ 173.7810, -7.7800,  
22.1171

■ 201.3790, -8.0748,

23.3466

■ 228.9660, -8.3642,  
22.8318

■ 28.0190, -5.4324,  
15.7693

■ 28.0190, -5.4324,  
15.7693

■ 25.1010, -6.4588,  
18.3284

■ 30.9370, -4.4059,  
13.2103

■ 22.2970, -7.0484,  
20.7875

■ 33.7410, -3.8163,  
10.7511

■ 19.3790, -8.0748,  
23.3466

■ 36.6590, -2.7899,  
8.1921

■ 17.2760, -8.5171,  
25.1909

■ 39.4630, -2.2003,  
5.7329

■ 42.3810, -1.1738,  
3.1739

■ 45.2990, -0.1474,  
0.6148

■ 48.1030, 0.4422,  
-1.8443

■ 51.0210, 1.4686,  
-4.4034

■ 53.8250, 2.0583,  
-6.8625

# Harmonies

## Analogous

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



28.5720, -0.7750, 15.2844



28.0190, -5.4324, 15.7693



27.3300, -10.5157, 12.8656

# Triad

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



28.0190, -5.4324, 15.7693



23.8260, -2.8722, -12.1254



26.3820, 10.6577, -11.7360

# Complementary

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



28.0190, -5.4324, 15.7693



34.9810, 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.



23.3270, 10.6848, -20.4578



28.0190, -5.4324, 15.7693



22.6770, 3.1172, -19.8877

# Square

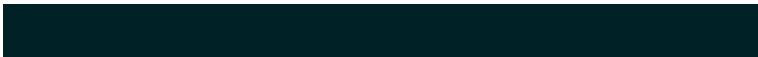
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.0190, -5.4324, 15.7693



25.5840, -9.1619, -1.3892



23.7030, 7.0484, -20.7875



28.6610, 7.5621, 1.1743



# Rectangle

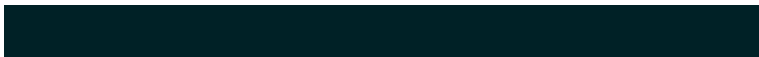
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.0190, -5.4324, 15.7693



27.1400, -12.3940, 8.6472



23.7030, 7.0484, -20.7875



24.7620, 10.9633, -16.4543

# Sweetspot

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



28.0190, -5.4324, 15.7693



51.8760, -1.9109, 6.2477



28.5210, 6.6451, 15.3291



26.6800, -1.3212, 3.7886



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000



# Same Dimension

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



28.0190, -5.4324, 15.7693



30.9770, -8.3697, 24.5762



36.2370, -9.4838, 8.5622



21.5980, -0.2948, 1.2296



33.0570, -16.2971, 47.3080



81.5960, -40.2268, 116.1183



# Inverse Universe

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



34.9810, 5.4324, -15.7693



42.0230, 8.3697, -24.5762



26.7630, 9.4838, -8.5622



22.4020, 0.2948, -1.2296



53.9430, 16.2971, -47.3080

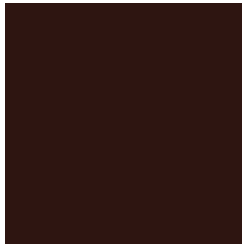


132.9910, 39.9374, -116.6331



# Previews

## White Background



This preview shows how the YUV color 28.0190, -5.4324, 15.7693 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

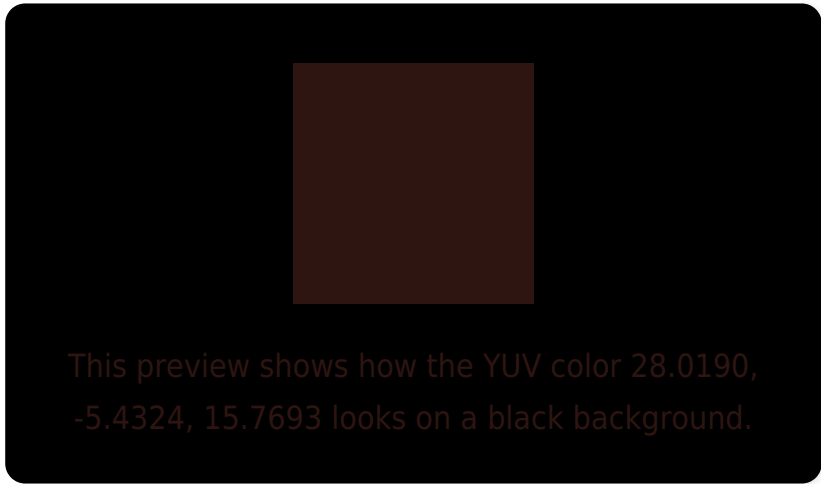
Any Text WCAG AA ✓ Pass

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

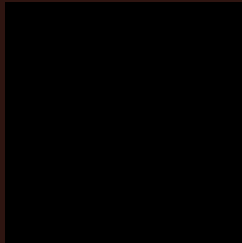
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 28.0190, -5.4324, 15.7693**

## **Background**



This preview shows how black text looks on a background with the YUV color 28.0190, -5.4324, 15.7693.



This preview shows how white text looks on a background with the YUV color 28.0190, -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

28.0190, -5.4324, 15.7693

### Protanopia

28.5720, -4.2260, 2.1294

### Deuteranopia

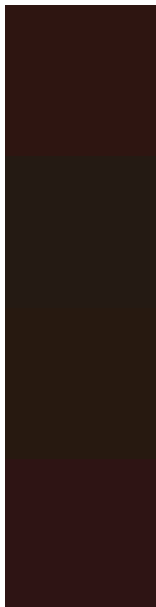
28.1380, -5.9840, 6.0180



## Tritanopia

28.0020, -2.9590, 15.7842

# Trichromacy



## Original Color

28.0190, -5.4324, 15.7693

## Protanomaly

28.1920, -4.5317, 6.8476

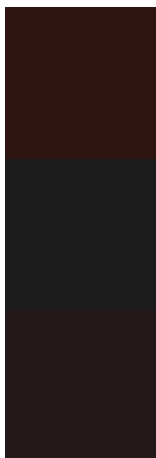
## Deuteranomaly

28.1600, -5.9949, 9.5067

## Tritanomaly

27.7740, -3.8326, 15.9842

# Monochromacy



## Original Color

28.0190, -5.4324, 15.7693

## Achromatopsia

28.0000, 0.0000, 0.0000

## Achromatomaly

27.8760, -1.9109, 6.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 28.0190, -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(46, 21, 17)` looks like.

```
.text, #text, p{  
    color:rgb(46, 21, 17)  
}
```

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(46, 21, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 21, 17) }
```

## Border

The CSS property to change the border of an element to YUV 28.0190, -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(46, 21, 17) }
```



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

```
.border{ border-color:rgb(46, 21, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 21, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 21, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 21, 17);  
box-shadow:4px 4px 4px 4px rgb(46, 21, 17)  
}
```

# Background

The CSS property to change the background color of an element to YUV 28.0190, -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(46, 21, 17) }
```

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

```
.background{ background-color: rgb(46, 21,  
17) }
```

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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