

# Converting Colors

YUV(27.8490, -4.3626, -0.7446)

Have a look what the booklet for  
YUV(27.8490, -4.3626, -0.7446)  
contains.

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# Color

**YUV(27.8490, -4.3626,  
-0.7446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B1E13
RGB	27, 30, 19
RGB Percent	11%, 12%, 7%
CMY	0.8941, 0.8824, 0.9255
CMYK	0.10, 0.00, 0.37, 0.88
HSL	76°, 22%, 10%
HSV	76°, 37%, 12%
XYZ	1.0338, 1.2086, 0.7949
YIQ	27.8490, 1.7430, -4.0570

# Conversions

## Conversions Part 2

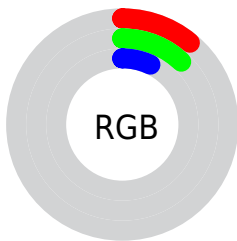
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 30, 22
Decimal	1777171
CIE Lab	10.62, -3.96, 6.94
CIE LCh	11, 7.992, 119.710
Yxy	1.2086, 0.3404, 0.3979
Android (android.graphics.Color)	4279967251 (0xFF1B1E13)
YUV	27.8490, -4.3626, -0.7446
Hunter-Lab	10.9935, -2.4529, 3.4085

# Details

The YUV color **27.8490, -4.3626, -0.7446** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.1510, 4.3626, 0.7446**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.3220, -5.0887, -1.1594**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2080, -5.5255, -1.0594**, and if you desaturate by 10%, it is **28.4900, -3.1996, -0.4297**.

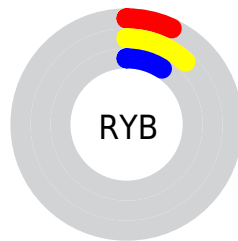
# Distribution



Red (11%)

Green (12%)

Blue (7%)



Red (7%)

Yellow (12%)

Blue (9%)

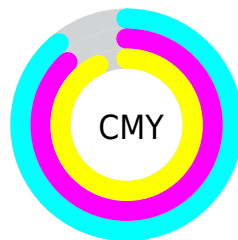


Cyan (10%)

Magenta (0%)

Yellow (37%)

Black (88%)



Cyan (89%)

Magenta (88%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 27.8490, -4.3626, -0.7446 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 27.8490, -4.3626, -0.7446 by changing the saturation by 10% instead.



■ 27.8490, -4.3626,  
-0.7446

■ 27.8490, -4.3626,  
-0.7446

■ 253.6320, -5.2416,  
1.1997

■ 2.3480, -1.1576,  
-2.0592

■ 71.3220, -5.0887,  
-1.1594

■ 0.0000, 0.0000,  
0.0000

■ 94.6210, -5.2362,  
-0.5446

■ 119.6210, -5.2362,  
-0.5446

■ 145.2080, -5.5255,  
-1.0594

■ 172.0940, -5.9623,  
-0.9594

■ 199.0940, -5.9623,

-0.9594

■ 227.0940, -5.9623,  
-0.9594

■ 27.8490, -4.3626,  
-0.7446

■ 27.8490, -4.3626,  
-0.7446

■ 27.2080, -5.5255,  
-1.0594

■ 28.4900, -3.1996,  
-0.4297

■ 26.5670, -6.6885,  
-1.3743

■ 29.1310, -2.0366,  
-0.1149

■ 26.2250, -7.9989,  
-1.0743

■ 29.4730, -0.7262,  
-0.4148

■ 25.5840, -9.1619,  
-1.3892

■ 30.1140, 0.4368,  
-0.1000

■ 24.9430, -10.3249,  
-1.7040

■ 30.7550, 1.5998,  
0.2149

■ 24.3020, -11.4879,  
-2.0189

■ 31.3960, 2.7628,  
0.5297

■ 24.1880, -11.9247,  
-1.9189

■ 32.0370, 3.9258,  
0.8446

■ 32.6780, 5.0887,  
1.1594

■ 33.0200, 6.3991,  
0.8595

# Harmonies

## Analogous

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



28.2410, -5.5418, 4.1736



27.8490, -4.3626, -0.7446



27.0980, -2.0203, -5.3479

# Triad

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



27.8490, -4.3626, -0.7446



27.0140, 5.4161, -10.5363



29.6420, -0.3165, 8.2070

# Complementary

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



27.8490, -4.3626, -0.7446



21.1510, 4.3626, 0.7446

# 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.



29.9020, 2.0203, 5.3479



27.8490, -4.3626, -0.7446



28.0470, 5.3998, -5.3032

# Square

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



27.8490, -4.3626, -0.7446



26.5470, 3.6743, -11.8807



28.8520, 4.5100, 0.1298

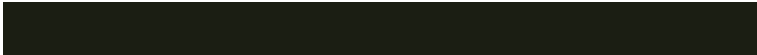


29.3710, -2.6479, 9.3216

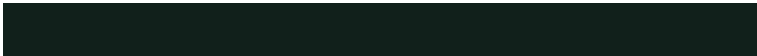


# Rectangle

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



27.8490, -4.3626, -0.7446



26.9450, 0.0271, -8.7218



28.8520, 4.5100, 0.1298



29.5710, 0.7045, 7.3922

# Sweetspot

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



27.8490, -4.3626, -0.7446



37.2450, -1.5998, -0.2149



24.0500, -2.4897, 5.2181



19.7720, -0.8736, 0.2000



148.0000, 0.0000, 0.0000

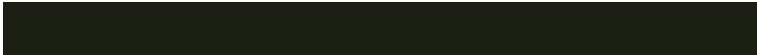


20.0000, 0.0000, 0.0000

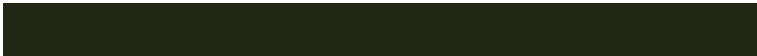


# Same Dimension

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



27.8490, -4.3626, -0.7446



34.8660, -6.8359, -0.7595



26.3540, -3.6255, -3.8185



14.8860, -0.4368, 0.1000



63.4160, -31.2641, -5.6268



166.3590, -82.0150, -14.3468



# Inverse Universe

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



21.1510, 4.3626, 0.7446



24.4330, 6.6885, 1.3743



22.6460, 3.6255, 3.8185



14.1140, 0.4368, -0.1000



15.5840, 31.2641, 5.6268

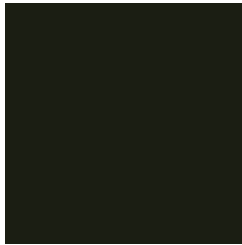


40.3420, 82.1624, 13.7321



# Previews

## White Background



This preview shows how the YUV color 27.8490, -4.3626, -0.7446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

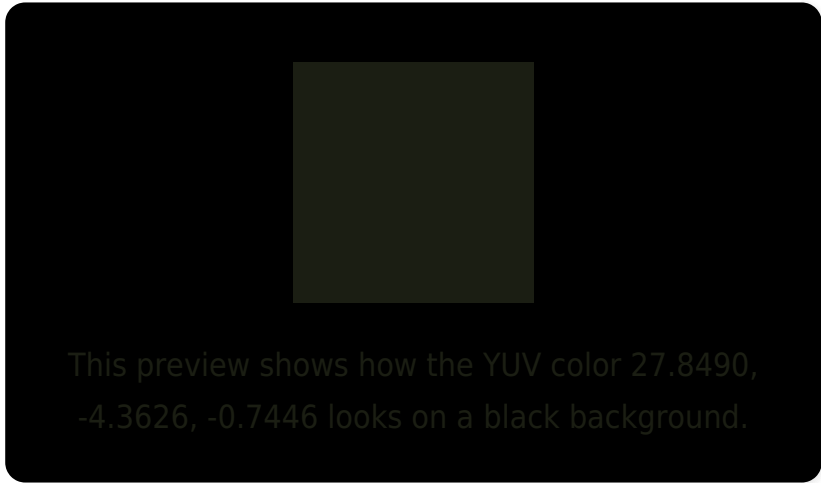
Any Text WCAG AA ✓ Pass

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 27.8490, -4.3626, -0.7446**

## **Background**



This preview shows how black text looks on a background with the YUV color 27.8490, -4.3626, -0.7446.



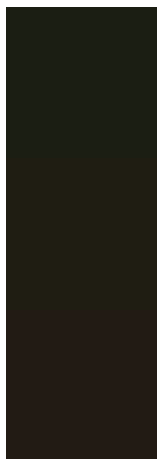
This preview shows how white text looks on a background with the YUV color 27.8490, -4.3626, -0.7446.

-0.7446.

# 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

27.8490, -4.3626, -0.7446

### Protanopia

28.3440, -5.0996, 2.3293

### Deuteranopia

28.2950, -4.0894, 5.0033



**Tritanopia**

29.2280, 0.8736, -0.2000

# Trichromacy



## Original Color

27.8490, -4.3626, -0.7446

## Protanomaly

28.0450, -4.9522, 1.7145

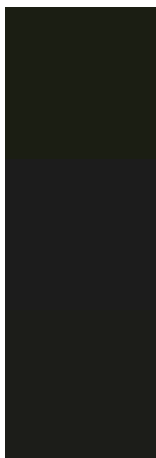
## Deuteranomaly

27.9850, -3.9366, 2.6442

## Tritanomaly

28.4730, -0.7262, -0.4148

# Monochromacy



## Original Color

27.8490, -4.3626, -0.7446

## Achromatopsia

28.0000, 0.0000, 0.0000

## Achromatomaly

28.2450, -1.5998, -0.2149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 27.8490, -4.3626, -0.7446 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(27, 30, 19)` looks like.

```
.text, #text, p{  
    color:rgb(27, 30, 19)  
}
```

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(27, 30, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 30, 19) }
```

## Border

The CSS property to change the border of an element to YUV 27.8490, -4.3626, -0.7446 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(27, 30, 19) }
```



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

```
.border{ border-color:rgb(27, 30, 19) }
```

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

Here you see how a box with a 4 pixel rgb(27, 30, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 30, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 30, 19);  
box-shadow:4px 4px 4px 4px rgb(27, 30, 19)  
}
```

# Background

The CSS property to change the background color of an element to YUV 27.8490, -4.3626, -0.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 30, 19) }
```

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

```
.background{ background-color: rgb(27, 30,  
19) }
```

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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