

Converting Colors

YUV(27.2770, -13.4476,
19.9281)

Have a look what the booklet for
YUV(27.2770, -13.4476, 19.9281)
contains.

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Color

**YUV(27.2770, -13.4476,
19.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	321500
RGB	50, 21, 0
RGB Percent	20%, 8%, 0%
CMY	0.8039, 0.9176, 1.0000
CMYK	0.00, 0.58, 1.00, 0.80
HSL	25°, 100%, 10%
HSV	25°, 100%, 20%
XYZ	1.5836, 1.2144, 0.1509
YIQ	27.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

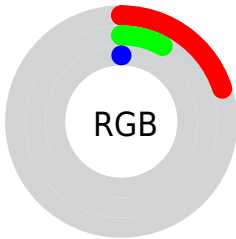
Format	Color
R_{YB}	50, 36, 0
Decimal	3282176
CIE Lab	10.66, 12.77, 16.23
CIE LCh	11, 20.651, 51.788
Yxy	1.2144, 0.5370, 0.4118
Android (android.graphics.Color)	4281472256 (0xFF321500)
YUV	27.2770, -13.4476, 19.9281
Hunter-Lab	11.0202, 6.3645, 6.9020

Details

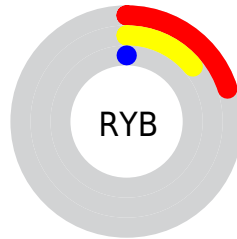
The YUV color **27.2770, -13.4476, 19.9281** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.7230, 13.4476, -19.9281**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2280, -12.4374, 22.6020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2770, -13.4476, 19.9281**, and if you desaturate by 10%, it is **29.6080, -12.1317, 17.8838**.

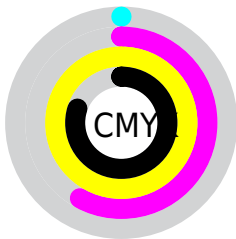
Distribution



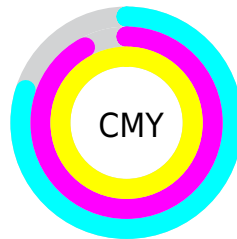
- Red (20%)
- Green (8%)
- Blue (0%)



- Red (20%)
- Yellow (14%)
- Blue (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (100%)
- Black (80%)



- Cyan (80%)
- Magenta (92%)
- Yellow (100%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.2770, -13.4476, 19.9281 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 27.2770, -13.4476, 19.9281 by changing the saturation by 10% instead.

■ 27.2770, -13.4476,
19.9281

■ 27.2770, -13.4476,
19.9281

■ 246.9980,
-10.3520, 7.0178

■ 8.0730, -3.9800,
16.5990

■ 72.2280, -12.4374,
22.6020

■ 0.0000, 0.0000,
0.0000

■ 96.7120, -13.1690,
23.9316

■ 121.6090,
-13.6112, 25.7759


■ 147.6800,
-14.6322, 26.5906


■ 174.2780,
-14.9271, 27.8202


■ 201.8760,


-15.2219, 29.0497


 227.3700,
-14.4794, 24.2315


 27.2770, -13.4476,
19.9281

 29.6080, -12.1317,
17.8838

 31.9390, -10.8159,
15.8395

 34.2700, -9.5001,
13.7952

 36.6010, -8.1843,
11.7509

 38.9320, -6.8685,
9.7066

■ 40.6760, -5.2633,
8.1771

■ 43.0070, -3.9475,
6.1329

■ 45.3380, -2.6316,
4.0886

■ 47.6690, -1.3158,
2.0443

Harmonies

Analogous

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



27.7040, -4.2911, 23.0616



27.2770, -13.4476, 19.9281



27.8090, -13.7098, 10.6915

Triad

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



27.2770, -13.4476, 19.9281



23.2810, 0.3545, -20.4174



28.6970, 12.9674, -5.8733

Complementary

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



27.2770, -13.4476, 19.9281



22.7230, 13.4476, -19.9281

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.



25.2820, 15.6370, -22.1723



27.2770, -13.4476, 19.9281



25.5780, 6.6170, -22.4319

Square

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



27.2770, -13.4476, 19.9281



23.7460, -8.2558, -12.0552



25.7720, 12.4374, -22.6020



30.1290, 7.8244, 10.4109

Rectangle

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



27.2770, -13.4476, 19.9281



27.1780, -13.3988, 4.2289



25.7720, 12.4374, -22.6020



26.6960, 14.4469, -13.7654

Sweetspot

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



27.2770, -13.4476, 19.9281



55.3770, -5.1159, 7.5624



18.2560, 5.2968, 27.8395



27.5230, -3.2158, 4.8033



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



27.2770, -13.4476, 19.9281



34.9850, -17.2476, 25.4462



41.9520, -20.6823, 7.0581



24.4840, -0.7316, 1.3295



48.3300, -23.8267, 35.6676



118.3000, -58.3219, 86.5599

Inverse Universe

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



22.7230, 13.4476, -19.9281



29.0150, 17.2476, -25.4462



8.0480, 20.6823, -7.0581



23.9290, 1.0210, -0.8147



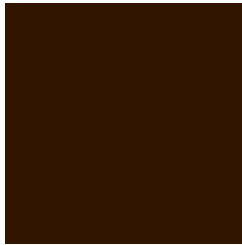
40.6700, 23.8267, -35.6676



98.7000, 58.3219, -86.5599

Previews

White Background



This preview shows how the YUV color 27.2770, -13.4476, 19.9281 looks on a white background.

Color Contrast Check

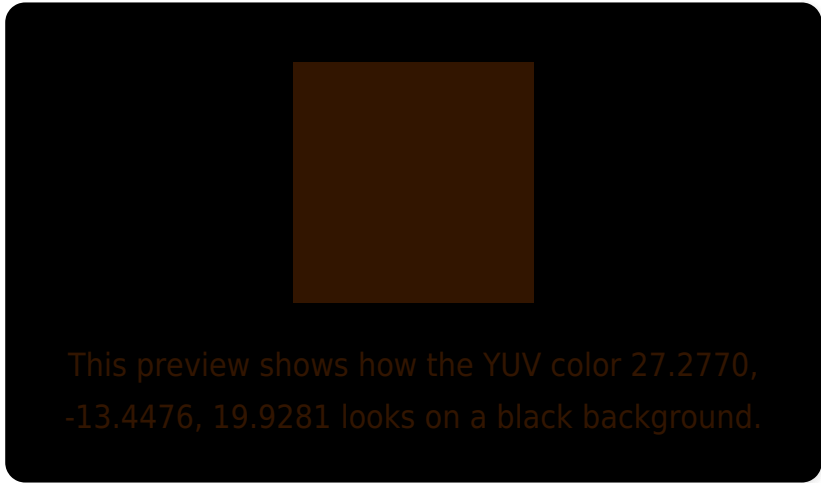
Large Text (above 18pt) WCAG AA ✓ Pass

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

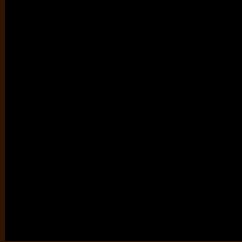
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.2770, -13.4476, 19.9281

Background



This preview shows how black text looks on a background with the YUV color 27.2770, -13.4476, 19.9281.

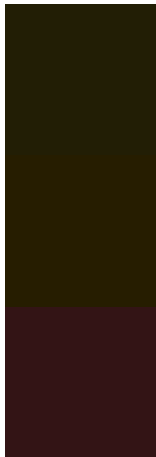


This preview shows how white text looks on a background with the YUV color 27.2770, -13.4476,

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



Protanopia

28.3460, -11.5096, 4.9586

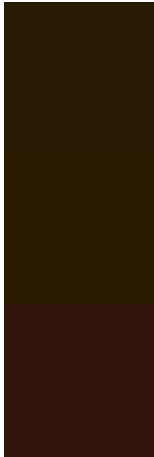
Deuteranopia

28.3850, -13.9938, 8.4324

Tritanopia

29.3830, -4.1328, 18.9581

Trichromacy



Protanomaly

28.1510, -12.3994, 10.3916

Deuteranomaly

27.8200, -13.7153, 12.4359

Tritanomaly

28.4710, -7.6272, 19.7579

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.2770, -13.4476, 19.9281 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(50, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 21, 0)  
}
```

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(50, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 21, 0) }
```

Border

The CSS property to change the border of an element to YUV 27.2770, -13.4476, 19.9281 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(50, 21, 0) }
```

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

```
.border{ border-color:rgb(50, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 21, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 21, 0); box-shadow:4px  
4px 4px 4px rgb(50, 21, 0) }
```


Background

The CSS property to change the background color of an element to YUV 27.2770, -13.4476, 19.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 21, 0) }
```

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

```
.background{ background-color: rgb(50, 21,  
0) }
```

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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