

Converting Colors

YUV(20.4770, -10.0952,
17.9987)

Have a look what the booklet for
YUV(20.4770, -10.0952, 17.9987)
contains.

YUV(20.4770, -10.0952, 17.9987)	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>	30

Color

**YUV(20.4770, -10.0952,
17.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	290E00
RGB	41, 14, 0
RGB Percent	16%, 5%, 0%
CMY	0.8392, 0.9451, 1.0000
CMYK	0.00, 0.66, 1.00, 0.84
HSL	20°, 100%, 8%
HSV	20°, 100%, 16%
XYZ	1.0715, 0.7855, 0.0951
YIQ	20.4770, 20.5860, 1.3700

Conversions

Conversions Part 2

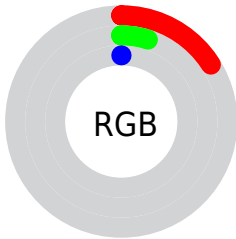
Format	Color
R_YB	41, 21, 0
Decimal	2690560
CIE Lab	7.10, 12.56, 10.87
CIE LCh	7, 16.615, 40.873
Yxy	0.7855, 0.5489, 0.4024
Android (android.graphics.Color)	4280880640 (0xFF290E00)
YUV	20.4770, -10.0952, 17.9987
Hunter-Lab	8.8628, 6.0703, 5.5675

Details

The YUV color **20.4770, -10.0952, 17.9987** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.5230, 10.0952, -17.9987**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.3570, -8.0640, 19.8579**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.4770, -10.0952, 17.9987**, and if you desaturate by 10%, it is **22.6940, -9.2161, 16.0544**.

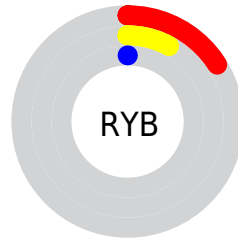
Distribution



Red (16%)

Green (5%)

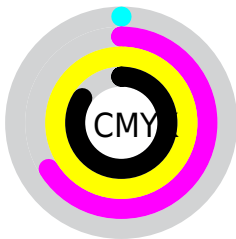
Blue (0%)



Red (16%)

Yellow (8%)

Blue (0%)

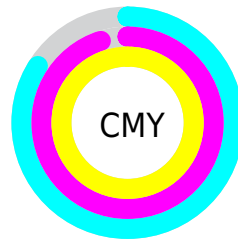


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.4770, -10.0952, 17.9987 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 20.4770, -10.0952, 17.9987 by changing the saturation by 10% instead.

■ 20.4770, -10.0952,
17.9987

■ 20.4770, -10.0952,
17.9987

■ 241.7150, -7.7475,
11.6509

■ 0.0000, 0.0000,
0.0000

■ 64.3570, -8.0640,
19.8579

■ 88.1400, -8.9430,
21.8022

■ 113.3250, -9.5272,
22.5170


■ 138.6240, -9.6746,
23.1318


■ 165.1080,
-10.4062, 24.4613


■ 192.4070,


-10.5537, 25.0761


 220.0050,
-10.8485, 26.3056


 20.4770, -10.0952,
17.9987

 22.6940, -9.2161,
16.0544

 24.3240, -8.0477,
14.6249

 26.5410, -7.1687,
12.6805

 28.7580, -6.2897,
10.7362

 30.3880, -5.1213,
9.3067

■ 32.7190, -3.8055,
7.2624

■ 34.9360, -2.9264,
5.3181

■ 37.1530, -2.0474,
3.3738

■ 38.7830, -0.8790,
1.9443

Harmonies

Analogous

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



21.5400, -2.2382, 17.9434



20.4770, -10.0952, 17.9987



21.0310, -10.3683, 12.2508

Triad

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



20.4770, -10.0952, 17.9987



17.8040, -2.8614, -15.6141



19.9200, 11.3784, -9.5768

Complementary

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



20.4770, -10.0952, 17.9987



20.5230, 10.0952, -17.9987

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.



19.4630, 11.1107, -17.0691



20.4770, -10.0952, 17.9987



19.2860, 2.8170, -16.9138

Square

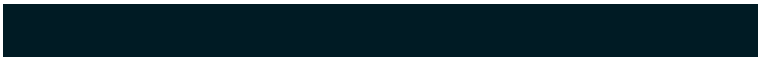
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.4770, -10.0952, 17.9987



18.8500, -9.2930, -6.0074



19.9530, 7.9112, -17.4988



22.6830, 7.5513, 4.6630

Rectangle

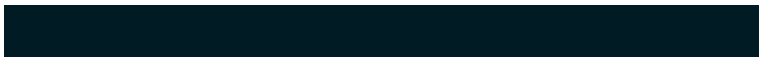
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.4770, -10.0952, 17.9987



20.6990, -10.2046, 6.4030



19.9530, 7.9112, -17.4988



18.5170, 12.5631, -16.2394

Sweetspot

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



20.4770, -10.0952, 17.9987



45.6050, -4.2423, 7.3624



15.3370, 5.7499, 22.5065



22.7510, -2.3422, 4.6034



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.



20.4770, -10.0952, 17.9987



26.7120, -13.1690, 23.9316



32.2170, -15.8830, 7.7027



19.1850, -0.5842, 0.7148



42.1390, -20.7745, 36.7121



105.6520, -52.0864, 93.2672

Inverse Universe

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



20.5230, 10.0952, -17.9987



26.7010, 13.4584, -23.4168



8.7830, 15.8830, -7.7027



19.4020, 0.2948, -1.2296



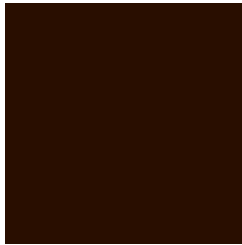
41.8610, 20.7745, -36.7121



105.7610, 52.3758, -92.7524

Previews

White Background



This preview shows how the YUV color 20.4770, -10.0952, 17.9987 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

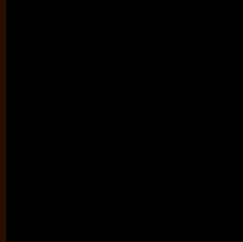
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.4770, -10.0952, 17.9987

Background



This preview shows how black text looks on a background with the YUV color 20.4770, -10.0952, 17.9987.

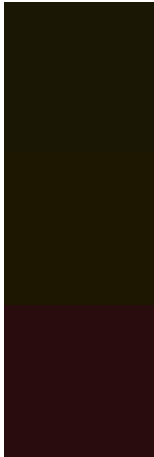


This preview shows how white text looks on a background with the YUV color 20.4770, -10.0952,

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

21.7310, -8.7414, 3.7439

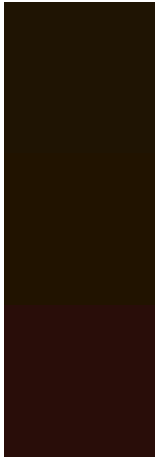
Deuteranopia

21.5850, -10.6414, 6.5030

Tritanopia

21.4860, -3.6906, 17.1138

Trichromacy



Protanomaly

21.3510, -9.0470, 8.4622

Deuteranomaly

21.0200, -10.3629, 10.5065

Tritanomaly

20.9160, -5.8746, 17.6137

Monochromacy



Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.4200, -3.6581, 6.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.4770, -10.0952, 17.9987 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(41, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 14, 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(41, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 14, 0) }
```

Border

The CSS property to change the border of an element to YUV 20.4770, -10.0952, 17.9987 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(41, 14, 0) }
```

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

```
.border{ border-color:rgb(41, 14, 0) }
```

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

Here you see how a box with a 4 pixel rgb(41, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 14, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 14, 0); box-shadow:4px  
4px 4px 4px rgb(41, 14, 0) }
```


Background

The CSS property to change the background color of an element to YUV 20.4770, -10.0952, 17.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 14, 0) }
```

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

```
.background{ background-color: rgb(41, 14,  
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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