

Converting Colors

YUV(50.3310, -11.9952,
20.7577)

Have a look what the booklet for
YUV(50.3310, -11.9952, 20.7577)
contains.

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Color

**YUV(50.3310, -11.9952,
20.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2B1A
RGB	74, 43, 26
RGB Percent	29%, 17%, 10%
CMY	0.7098, 0.8314, 0.8980
CMYK	0.00, 0.42, 0.65, 0.71
HSL	21°, 48%, 20%
HSV	21°, 65%, 29%
XYZ	3.8744, 3.2582, 1.4020
YIQ	50.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

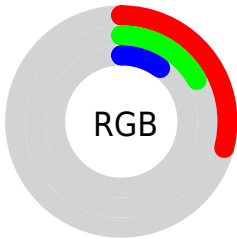
Format	Color
R_{YB}	74, 52, 26
Decimal	4860698
CIE _{Lab}	21.05, 12.38, 17.00
CIE _{LCh}	21, 21.032, 53.937
Yxy	3.2582, 0.4540, 0.3818
Android (android.graphics.Color)	4283050778 (0xFF4A2B1A)
YUV	50.3310, -11.9952, 20.7577
Hunter-Lab	18.0504, 6.7252, 8.0303

Details

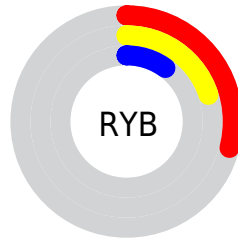
The YUV color **50.3310, -11.9952, 20.7577** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **49.6690, 11.9952, -20.7577**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5980, -13.6058, 24.0316**, and **8.3720, -4.1274, 17.2138** is the 20% darker color. If you saturate the color by 10%, you get **46.5980, -13.6058, 24.0316**, and if you desaturate by 10%, it is **54.0640, -10.3846, 17.4839**.

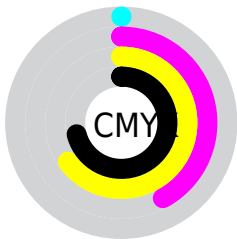
Distribution



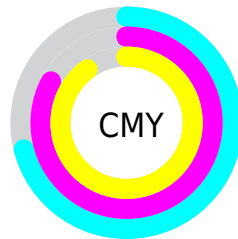
- Red (29%)
- Green (17%)
- Blue (10%)



- Red (29%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (42%)
- Yellow (65%)
- Black (71%)



- Cyan (71%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3310, -11.9952, 20.7577 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 50.3310, -11.9952, 20.7577 by changing the saturation by 10% instead.

■ 50.3310, -11.9952,
20.7577

■ 50.3310, -11.9952,
20.7577

■ 254.8860, -0.4368,
0.1000

■ 28.1630, -13.8844,
20.0280

■ 97.5980, -13.6058,
24.0316

■ 8.3720, -4.1274,
17.2138

■ 122.3810,
-14.4848, 25.9759

■ 0.0000, 0.0000,
0.0000

■ 148.5660,
-15.0690, 26.6906

■ 175.1640,
-15.3639, 27.9202

■ 202.6480,
-16.0955, 29.2497

■ 227.9570,

-14.7688, 23.7167

■ 248.1720,
-10.9308, 5.9882

■ 50.3310, -11.9952,
20.7577

■ 50.3310, -11.9952,
20.7577

■ 46.5980, -13.6058,
24.0316

■ 54.0640, -10.3846,
17.4839

■ 42.7510, -15.6532,
27.4054

■ 57.9110, -8.3371,
14.1101

■ 39.6050, -17.5533,
30.1644

■ 61.0570, -6.4371,
11.3510

■ 37.3880, -18.4323,
32.1087

■ 64.9040, -4.3897,
7.9772

■ 68.6370, -2.7790,
4.7034

■ 72.3700, -1.1684,
1.4295

■ 75.6300, 1.1684,
-1.4295

■ 79.3630, 2.7790,
-4.7034

■ 83.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



51.2590, -6.0437, 25.2059



50.3310, -11.9952, 20.7577



49.7660, -15.1676, 11.6062

Triad

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



50.3310, -11.9952, 20.7577



39.4040, 3.7448, -34.5573



51.2350, 13.6881, -3.7141

Complementary

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



50.3310, -11.9952, 20.7577



49.6690, 11.9952, -20.7577

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.



44.8300, 17.8318, -26.1609



50.3310, -11.9952, 20.7577



41.2280, 10.7336, -36.1570

Square

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



50.3310, -11.9952, 20.7577



45.7780, -6.7926, -14.7143



42.0090, 16.2646, -36.8419



52.5530, 8.1084, 12.6700

Rectangle

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



50.3310, -11.9952, 20.7577



48.5370, -14.5617, 3.9141



42.0090, 16.2646, -36.8419



49.9460, 15.3096, -10.4766

Sweetspot

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



50.3310, -11.9952, 20.7577



87.7900, -4.8265, 8.0772



43.8860, 6.4652, 26.4100



42.6370, -2.7790, 4.7034



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



50.3310, -11.9952, 20.7577



59.5730, -19.0165, 32.8235



64.4190, -18.9406, 8.4025



36.3700, -1.1684, 1.4295



51.6300, -25.4536, 44.1745



116.3170, -57.3443, 99.7000

Inverse Universe

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



49.6690, 11.9952, -20.7577



58.4270, 19.0165, -32.8235



35.5810, 18.9406, -8.4025



36.2170, 0.8790, -1.9443



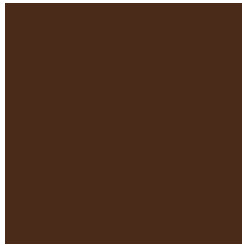
50.3700, 25.4536, -44.1745



113.0960, 57.6337, -99.1852

Previews

White Background



This preview shows how the YUV color 50.3310, -11.9952, 20.7577 looks on a white background.

Color Contrast Check

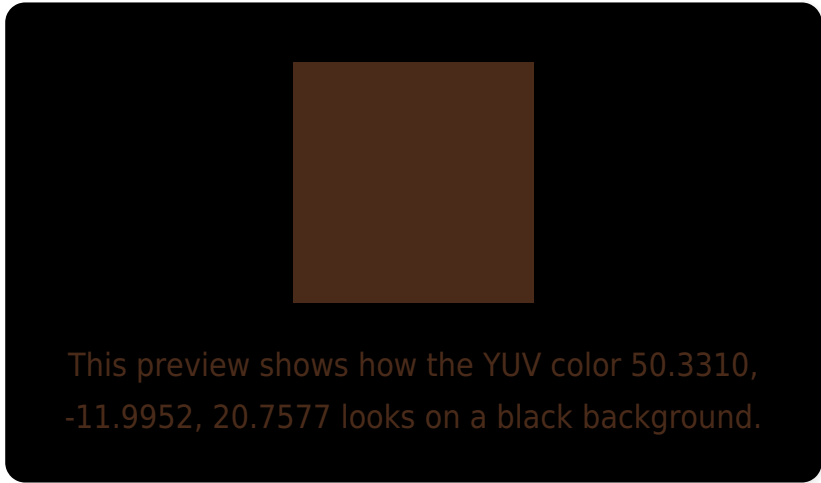
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3310, -11.9952, 20.7577

Background



This preview shows how black text looks on a background with the YUV color 50.3310, -11.9952, 20.7577.

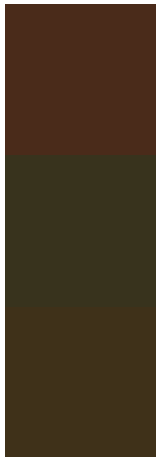


This preview shows how white text looks on a background with the YUV color 50.3310, -11.9952,

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

50.3310, -11.9952, 20.7577

Protanopia

49.9870, -10.3466, 5.2734

Deuteranopia

50.4500, -12.5468, 11.0064



Tritanopia

51.5080, -3.7014, 20.6025

Trichromacy



Original Color

50.3310, -11.9952, 20.7577

Protanomaly

50.2050, -10.9471, 11.2212

Deuteranomaly

50.4720, -12.5577, 14.4951

Tritanomaly

51.2970, -7.0484, 20.7875

Monochromacy



Original Color

50.3310, -11.9952, 20.7577

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3310, -11.9952, 20.7577 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(74, 43, 26)` looks like.

```
.text, #text, p{  
    color:rgb(74, 43, 26)  
}
```

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(74, 43, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 43, 26) }
```

Border

The CSS property to change the border of an element to YUV 50.3310, -11.9952, 20.7577 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(74, 43, 26) }
```


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

```
.border{ border-color:rgb(74, 43, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 43, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 43, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 43, 26);  
box-shadow:4px 4px 4px 4px rgb(74, 43, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.3310, -11.9952, 20.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 43, 26) }
```

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

```
.background{ background-color: rgb(74, 43,  
26) }
```

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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