

Converting Colors

YUV(33.9710, -5.9017, 26.3354)

Have a look what the booklet for
YUV(33.9710, -5.9017, 26.3354)
contains.

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Color

**YUV(33.9710, -5.9017,
26.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	401516
RGB	64, 21, 22
RGB Percent	25%, 8%, 9%
CMY	0.7490, 0.9176, 0.9137
CMYK	0.00, 0.67, 0.66, 0.75
HSL	359°, 51%, 17%
HSV	359°, 67%, 25%
XYZ	2.5273, 1.6842, 0.9509
YIQ	33.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

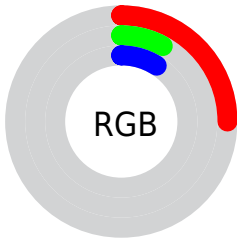
Format	Color
RYB	64, 21, 22
Decimal	4199702
CIELab	13.73, 21.07, 10.08
CIELCh	14, 23.358, 25.561
Yxy	1.6842, 0.4896, 0.3262
Android (android.graphics.Color)	4282389782 (0xFF401516)
YUV	33.9710, -5.9017, 26.3354
Hunter-Lab	12.9779, 12.0502, 4.7401

Details

The YUV color **33.9710, -5.9017, 26.3354** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.0290, 5.9017, -26.3354**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.4230, -8.0965, 30.3240**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7650, -6.7861, 30.0241**, and if you desaturate by 10%, it is **38.1770, -5.0173, 22.6468**.

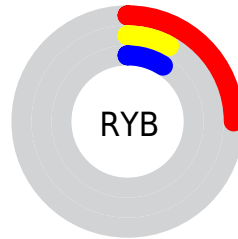
Distribution



 Red (25%)

 Green (8%)

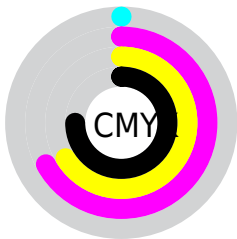
 Blue (9%)




 Red (25%)

 Yellow (8%)

 Blue (9%)

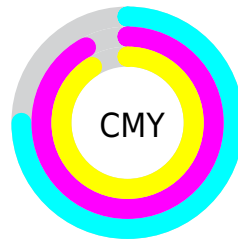


 Cyan (0%)

 Magenta (67%)

 Yellow (66%)

 Black (75%)



 Cyan (75%)

 Magenta (92%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9710, -5.9017, 26.3354 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 33.9710, -5.9017, 26.3354 by changing the saturation by 10% instead.

■ 33.9710, -5.9017,
26.3354

■ 33.9710, -5.9017,
26.3354

■ 251.7400, -2.3368,
2.8590

■ 12.5580, -6.1911,
25.8206

■ 80.4230, -8.0965,
30.3240

■ 0.0000, 0.0000,
0.0000

■ 105.0210, -8.3914,
31.5536

■ 130.8040, -9.2704,
33.4979

■ 156.7010, -9.7126,
35.3422

■ 184.0000, -9.8600,
35.9570

■ 211.5980,

-10.1548, 37.1866

231.5250, -6.1748,
20.5876

33.9710, -5.9017,
26.3354

33.9710, -5.9017,
26.3354

29.7650, -6.7861,
30.0241

38.1770, -5.0173,
22.6468

24.8580, -7.8180,
34.3275

43.0840, -3.9854,
18.3433

20.6520, -8.7024,
38.0162

47.2900, -3.1010,
14.6547

19.2500, -8.9972,
39.2458

52.0830, -2.5059,
10.4512

56.2890, -1.6215,
6.7625

■ 60.6090, -0.3002,
2.9739

■ 65.4020, 0.2948,
-1.2296

■ 69.6080, 1.1793,
-4.9182

■ 74.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



34.9090, 1.5239, 24.6358



33.9710, -5.9017, 26.3354



33.5330, -15.0528, 21.4576

Triad

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



33.9710, -5.9017, 26.3354



28.1690, -6.4923, -17.6882



30.0580, 18.7054, -26.3609

Complementary

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



33.9710, -5.9017, 26.3354



51.0290, 5.9017, -26.3354

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.



31.1350, 15.2164, -27.3054



33.9710, -5.9017, 26.3354



28.8890, 1.5337, -25.3357

Square

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



33.9710, -5.9017, 26.3354



31.5750, -15.5665, -0.5043



30.8270, 8.9593, -27.0353



35.4630, 14.5617, -3.9141

Rectangle

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



33.9710, -5.9017, 26.3354



33.4460, -16.4889, 15.3949



30.8270, 8.9593, -27.0353



30.5310, 17.9792, -26.7757

Sweetspot

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



33.9710, -5.9017, 26.3354



72.1970, -2.0691, 10.3512



38.4600, 12.5912, 21.5216



35.9900, -1.4741, 6.1478



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



33.9710, -5.9017, 26.3354



36.5600, -9.1501, 41.6049



45.5970, -12.1263, 16.1394



30.8970, -0.4422, 1.8443



29.2310, -13.4249, 59.4334



67.5460, -30.8352, 137.2102

Inverse Universe

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



33.9710, -5.9017, 26.3354



36.5600, -9.1501, 41.6049



39.4030, 12.1263, -16.1394



30.8970, -0.4422, 1.8443



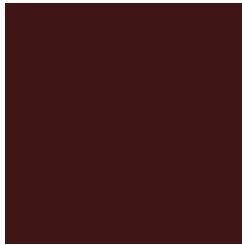
29.2310, -13.4249, 59.4334



67.5460, -30.8352, 137.2102

Previews

White Background



This preview shows how the YUV color 33.9710, -5.9017, 26.3354 looks on a white background.

Color Contrast Check

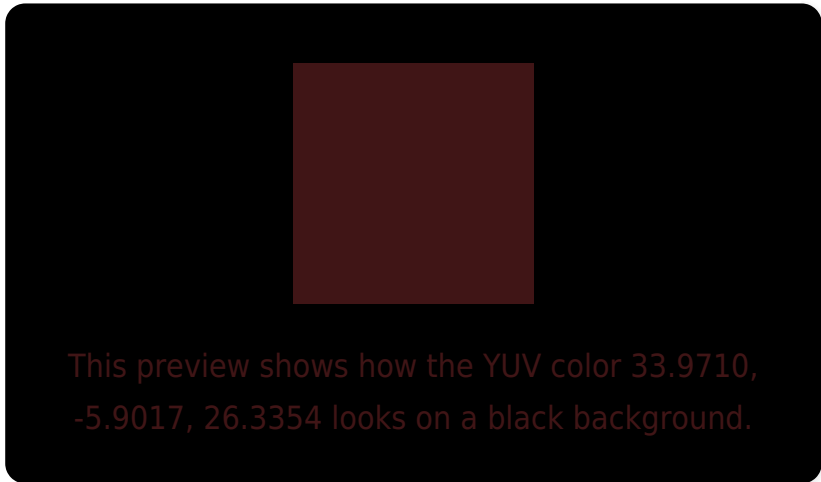
Large Text (above 18pt) WCAG AA ✓ Pass

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

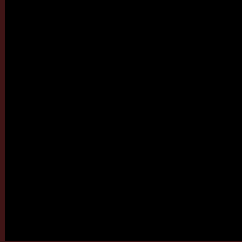
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9710, -5.9017, 26.3354

Background



This preview shows how black text looks on a background with the YUV color 33.9710, -5.9017, 26.3354.

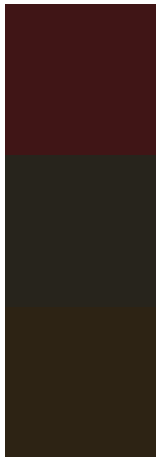


This preview shows how white text looks on a background with the YUV color 33.9710, -5.9017,

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

33.9710, -5.9017, 26.3354

Protanopia

35.9850, -3.9366, 2.6442

Deuteranopia

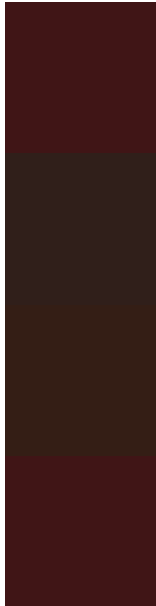
36.2800, -8.0260, 7.6474



Tritanopia

33.9710, -5.9017, 26.3354

Trichromacy



Original Color

33.9710, -5.9017, 26.3354

Protanomaly

35.5130, -4.6899, 10.9511

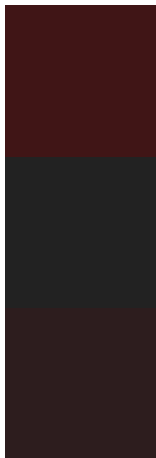
Deuteranomaly

35.5520, -7.1741, 14.4249

Tritanomaly

33.9710, -5.9017, 26.3354

Monochromacy



Original Color

33.9710, -5.9017, 26.3354

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8980, -1.9217, 9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9710, -5.9017, 26.3354 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(64, 21, 22)` looks like.

```
.text, #text, p{  
    color:rgb(64, 21, 22)  
}
```

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(64, 21, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 21, 22) }
```

Border

The CSS property to change the border of an element to YUV 33.9710, -5.9017, 26.3354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

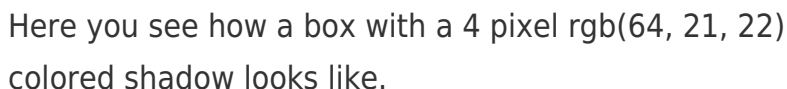
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 21, 22) }
```


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

```
.border{ border-color:rgb(64, 21, 22) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 21, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 21, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 21, 22);  
box-shadow:4px 4px 4px 4px rgb(64, 21, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9710, -5.9017, 26.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 21, 22) }
```

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

```
.background{ background-color: rgb(64, 21,  
22) }
```

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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