

Converting Colors

YUV(51.3710, -9.5499, -16.9884)

Have a look what the booklet for
YUV(51.3710, -9.5499, -16.9884)
contains.

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Color

**YUV(51.3710, -9.5499,
-16.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	204120
RGB	32, 65, 32
RGB Percent	13%, 25%, 13%
CMY	0.8745, 0.7451, 0.8745
CMYK	0.51, 0.00, 0.51, 0.75
HSL	120°, 34%, 19%
HSV	120°, 51%, 25%
XYZ	2.7467, 4.1920, 2.0309
YIQ	51.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

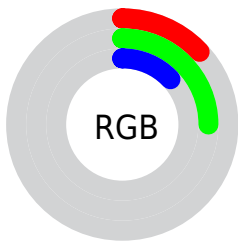
Format	Color
R_{YB}	32, 65, 65
Decimal	2113824
CIE _{Lab}	24.30, -20.25, 16.44
CIE _{LCh}	24, 26.084, 140.942
Yxy	4.1920, 0.3062, 0.4674
Android (android.graphics.Color)	4280303904 (0xFF204120)
YUV	51.3710, -9.5499, -16.9884
Hunter-Lab	20.4743, -11.8837, 8.4509

Details

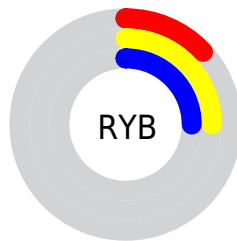
The YUV color **51.3710, -9.5499, -16.9884** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **45.6290, 9.5499, 16.9884**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.7300, -10.7129, -17.3032**, and **14.0880, -6.9454, -12.3552** is the 20% darker color. If you saturate the color by 10%, you get **48.8930, -11.2862, -20.0772**, and if you desaturate by 10%, it is **54.2620, -7.5242, -13.3848**.

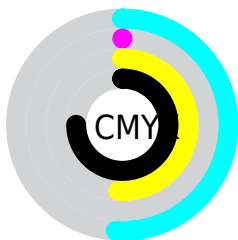
Distribution



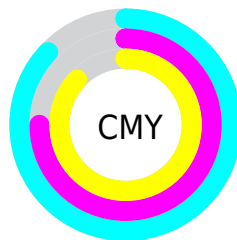
- Red (13%)
- Green (25%)
- Blue (13%)



- Red (13%)
- Yellow (25%)
- Blue (25%)



- Cyan (51%)
- Magenta (0%)
- Yellow (51%)
- Black (75%)



- Cyan (87%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3710, -9.5499, -16.9884 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 51.3710, -9.5499, -16.9884 by changing the saturation by 10% instead.

■ 51.3710, -9.5499,
-16.9884

■ 51.3710, -9.5499,
-16.9884

255.0000, 0.0000,
0.0000

■ 29.0720, -9.4025,
-17.6031

■ 98.7300, -10.7129,
-17.3032

■ 14.0880, -6.9454,
-12.3552

■ 123.9040,
-11.2917, -18.3328

■ 0.0000, 0.0000,
0.0000

■ 149.7900,
-11.7285, -18.2328

■ 176.3770,
-12.0179, -18.7476

■ 203.9640,
-12.3073, -19.2624

■ 232.4370,

-13.0334, -19.6772

■ 247.9360, -6.3774,
-7.8369

■ 51.3710, -9.5499,
-16.9884

■ 51.3710, -9.5499,
-16.9884

■ 48.8930, -11.2862,
-20.0772

■ 54.2620, -7.5242,
-13.3848

■ 46.0020, -13.3120,
-23.6808

■ 56.7400, -5.7878,
-10.2960

■ 43.1110, -15.3377,
-27.2843

■ 59.6310, -3.7621,
-6.6924

■ 40.6330, -17.0741,
-30.3731

■ 62.1090, -2.0257,
-3.6036

■ 38.1550, -18.8104,
-33.4619

■ 65.0000, 0.0000,
0.0000

■ 67.4780, 1.7363,
3.0888

■ 70.3690, 3.7621,
6.6924

■ 72.8470, 5.4984,
9.7812

■ 75.3250, 7.2348,
12.8700

Harmonies

Analogous

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



54.4180, -17.4611, 0.5104



51.3710, -9.5499, -16.9884



45.1430, 2.8875, -39.5904

Triad

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



51.3710, -9.5499, -16.9884



47.3380, 23.9904, -41.5154



57.3030, -6.0654, 32.1833

Complementary

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



51.3710, -9.5499, -16.9884



45.6290, 9.5499, 16.9884

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.



58.6860, 3.1128, 28.3394



51.3710, -9.5499, -16.9884



57.6520, 17.9196, -7.5878

Square

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



51.3710, -9.5499, -16.9884



48.7740, 19.3384, -42.7748



59.7750, 11.4499, 14.2293



57.0930, -14.3428, 27.1054

Rectangle

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



51.3710, -9.5499, -16.9884



47.3260, 8.7133, -41.5049



59.7750, 11.4499, 14.2293



57.9870, -3.4446, 31.5834

Sweetspot

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



51.3710, -9.5499, -16.9884



79.0440, -3.4727, -6.1776



61.2380, -14.4143, 3.2993



40.1090, -2.0257, -3.6036



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.



51.3710, -9.5499, -16.9884



62.9370, -14.7589, -26.2547



53.3090, -2.1243, -18.6880



31.7610, -0.8682, -1.5444



56.9390, -28.0709, -49.9355



131.4880, -64.8236, -115.3150

Inverse Universe

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



45.6290, 9.5499, 16.9884



54.0630, 14.7589, 26.2547



43.8050, 2.5611, 18.5880



31.2390, 0.8682, 1.5444



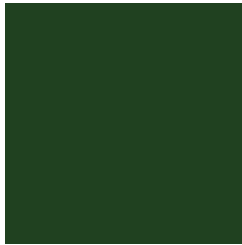
40.0610, 28.0709, 49.9355



92.5120, 64.8236, 115.3150

Previews

White Background



This preview shows how the YUV color 51.3710, -9.5499, -16.9884 looks on a white background.

Color Contrast Check

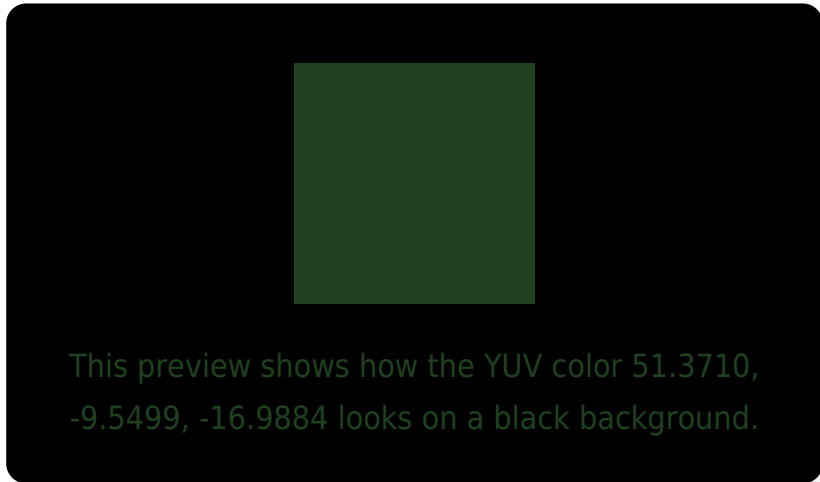
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3710, -9.5499, -16.9884

Background



This preview shows how black text looks on a background with the YUV color 51.3710, -9.5499, -16.9884.



This preview shows how white text looks on a background with the YUV color 51.3710, -9.5499,

-16.9884.

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

51.3710, -9.5499, -16.9884

Protanopia

56.6020, -13.1148, 6.4880

Deuteranopia

57.2050, -10.9471, 11.2212



Tritanopia

54.9920, 5.4269, -14.0250

Trichromacy



Original Color

51.3710, -9.5499, -16.9884

Protanomaly

54.8890, -11.7773, -2.5337

Deuteranomaly

55.2530, -10.4777, 0.6551

Tritanomaly

53.3140, 0.3382, -15.1844

Monochromacy



Original Color

51.3710, -9.5499, -16.9884

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3710, -9.5499, -16.9884 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(32, 65, 32)` looks like.

```
.text, #text, p{  
    color:rgb(32, 65, 32)  
}
```

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(32, 65, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 65, 32) }
```

Border

The CSS property to change the border of an element to YUV 51.3710, -9.5499, -16.9884 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(32, 65, 32) }
```


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

```
.border{ border-color:rgb(32, 65, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 65, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 65, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 65, 32);  
box-shadow:4px 4px 4px 4px rgb(32, 65, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.3710, -9.5499, -16.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 65, 32) }
```

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

```
.background{ background-color: rgb(32, 65,  
32) }
```

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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