

Converting Colors

YUV(13.5150, 9.1131, 17.0883)

Have a look what the booklet for
YUV(13.5150, 9.1131, 17.0883)
contains.

YUV(13.5150, 9.1131, 17.0883)	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(13.5150, 9.1131,
17.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	210020
RGB	33, 0, 32
RGB Percent	13%, 0%, 13%
CMY	0.8706, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.03, 0.87
HSL	302°, 100%, 6%
HSV	302°, 100%, 13%
XYZ	0.8879, 0.4276, 1.4022
YIQ	13.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

Format	Color
RYB	33, 0, 32
Decimal	2162720
CIELab	3.86, 19.69, -12.63
CIELCh	4, 23.394, 327.314
Yxy	0.4276, 0.3267, 0.1573
Android (android.graphics.Color)	4280352800 (0xFF210020)
YUV	13.5150, 9.1131, 17.0883
Hunter-Lab	6.5392, 12.7934, -8.1363

Details

The YUV color **13.5150, 9.1131, 17.0883** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.4850, -9.1131, -17.0883**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **58.6890, 8.5343, 16.0587**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.5150, 9.1131, 17.0883**, and if you desaturate by 10%, it is **15.2760, 8.2449, 15.5439**.

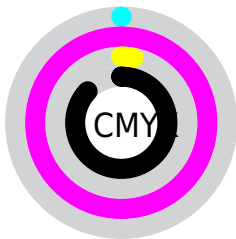
Distribution



- Red (13%)
- Green (0%)
- Blue (13%)



- Red (13%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (87%)



- Cyan (87%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.5150, 9.1131, 17.0883 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 13.5150, 9.1131, 17.0883 by changing the saturation by 10% instead.

■ 13.5150, 9.1131,
17.0883

■ 13.5150, 9.1131,
17.0883

■ 237.3900, 8.6817,
15.4440

■ 0.5700, 2.1840,
-0.4999

■ 58.6890, 8.5343,
16.0587

■ 0.0000, 0.0000,
0.0000

■ 82.1020, 8.8237,
16.5735

■ 106.8140, 8.9657,
17.7031

■ 132.2270, 9.2551,
18.2179

■ 158.0530, 9.8339,
19.2475

■ 185.3520, 9.6865,

19.8623

■ 212.7650, 9.9759,
20.3771

■ 13.5150, 9.1131,
17.0883

■ 15.2760, 8.2449,
15.5439

■ 17.6240, 7.0874,
13.4848

■ 19.3850, 6.2192,
11.9404

■ 21.1460, 5.3510,
10.3960

■ 23.6080, 4.6303,
8.2368

■ 25.3690, 3.7621,
6.6924

■ 27.1300, 2.8939,
5.1480

■ 28.8910, 2.0257,
3.6036

■ 31.2390, 0.8682,
1.5444

Harmonies

Analogous

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



13.0720, 14.2615, -0.9401



13.5150, 9.1131, 17.0883



14.1970, 1.3819, 23.5062

Triad

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



13.5150, 9.1131, 17.0883



13.3230, -6.5682, 6.7327



16.8070, 6.0111, -14.7397

Complementary

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



13.5150, 9.1131, 17.0883



19.4850, -9.1131, -17.0883

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.



14.1680, -1.5618, -12.4253



13.5150, 9.1131, 17.0883



11.1530, -5.4984, -9.7812

Square

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



13.5150, 9.1131, 17.0883



12.8130, -6.3168, 19.4580



12.9140, -6.3666, -11.3256



17.5880, 11.5421, -15.4247

Rectangle

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



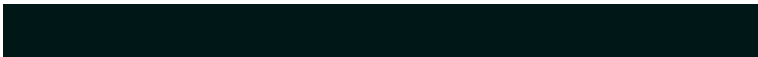
13.5150, 9.1131, 17.0883



12.8570, -6.3385, 26.4354



12.9140, -6.3666, -11.3256



16.2370, 3.8272, -14.2398

Sweetspot

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



13.5150, 9.1131, 17.0883



35.3690, 3.7621, 6.6924



4.0610, 14.2669, -2.6845



18.3040, 2.3151, 4.1184



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



13.5150, 9.1131, 17.0883



17.6450, 12.0070, 22.2363



11.6910, 2.1243, 18.6880



14.4130, 0.2894, 0.5148



32.3990, 21.9883, 40.8691



84.6930, 56.8464, 107.2632

Inverse Universe

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



13.5150, 9.1131, 17.0883



17.6450, 12.0070, 22.2363



21.3090, -2.1243, -18.6880



14.4130, 0.2894, 0.5148



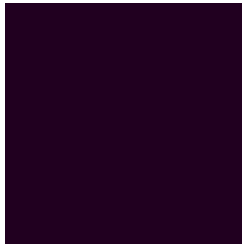
32.3990, 21.9883, 40.8691



84.6930, 56.8464, 107.2632

Previews

White Background



This preview shows how the YUV color 13.5150, 9.1131, 17.0883 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

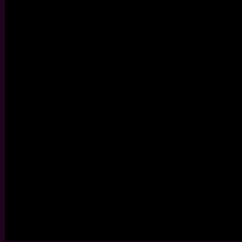
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.5150, 9.1131, 17.0883

Background



This preview shows how black text looks on a background with the YUV color 13.5150, 9.1131, 17.0883.



This preview shows how white text looks on a background with the YUV color 13.5150, 9.1131, 17.0883.

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

14.8980, 11.3893, -13.0655

Deuteranopia

18.1610, 5.8366, -5.4032

Tritanopia

18.3820, -2.6533, 11.0660

Trichromacy



Protanomaly

14.1490, 10.7725, -1.8847

Deuteranomaly

16.5580, 7.1199, 3.0186

Tritanomaly

16.5440, 1.7038, 13.5549

Monochromacy



Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.5150, 9.1131, 17.0883 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(33, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 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(33, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 32) }
```

Border

The CSS property to change the border of an element to YUV 13.5150, 9.1131, 17.0883 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(33, 0, 32) }
```

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

```
.border{ border-color:rgb(33, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(33, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 0, 32); box-shadow:4px  
4px 4px 4px rgb(33, 0, 32) }
```


Background

The CSS property to change the background color of an element to YUV 13.5150, 9.1131, 17.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 32) }
```

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

```
.background{ background-color: rgb(33, 0,  
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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