

Converting Colors

YUV(13.6290, 9.5499, 16.9884)

Have a look what the booklet for
YUV(13.6290, 9.5499, 16.9884)
contains.

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Color

**YUV(13.6290, 9.5499,
16.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	210021
RGB	33, 0, 33
RGB Percent	13%, 0%, 13%
CMY	0.8706, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.00, 0.87
HSL	300°, 100%, 6%
HSV	300°, 100%, 13%
XYZ	0.9017, 0.4331, 1.4749
YIQ	13.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

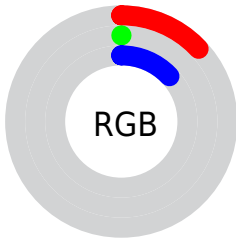
Format	Color
R_{YB}	33, 0, 33
Decimal	2162721
CIE Lab	3.91, 20.02, -13.34
CIE LCh	4, 24.058, 326.312
Yxy	0.4331, 0.3209, 0.1542
Android (android.graphics.Color)	4280352801 (0xFF210021)
YUV	13.6290, 9.5499, 16.9884
Hunter-Lab	6.5813, 12.9391, -8.6804

Details

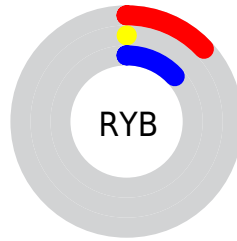
The YUV color **13.6290, 9.5499, 16.9884** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.3710, -9.5499, -16.9884**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **58.8030, 8.9711, 15.9588**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.6290, 9.5499, 16.9884**, and if you desaturate by 10%, it is **15.3900, 8.6817, 15.4440**.

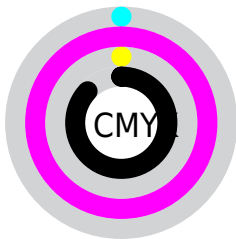
Distribution



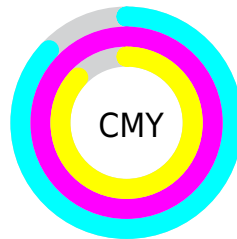
- Red (13%)
- Green (0%)
- Blue (13%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 13.6290, 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 13.6290, 9.5499, 16.9884 by changing the saturation by 10% instead.

■ 13.6290, 9.5499,
16.9884

■ 13.6290, 9.5499,
16.9884

■ 237.3900, 8.6817,
15.4440

■ 0.7980, 3.0576,
-0.6998

■ 58.8030, 8.9711,
15.9588

■ 0.0000, 0.0000,
0.0000

■ 82.2160, 9.2605,
16.4736

■ 106.9280, 9.4025,
17.6031

■ 132.3410, 9.6919,
18.1179

■ 158.1670, 10.2707,
19.1475

■ 185.4660, 10.1233,

19.7623

■ 212.9930, 10.8495,
20.1771

■ 13.6290, 9.5499,
16.9884

■ 15.3900, 8.6817,
15.4440

■ 17.7380, 7.5242,
13.3848

■ 19.4990, 6.6560,
11.8404

■ 21.2600, 5.7878,
10.2960

■ 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.



13.4740, 14.5563, -2.1697



13.6290, 9.5499, 16.9884



14.4960, 1.2345, 24.1210

Triad

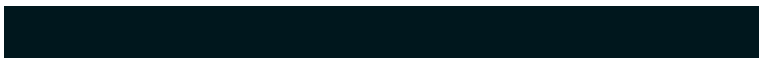
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.6290, 9.5499, 16.9884



13.6220, -6.7156, 7.3475



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.



13.6290, 9.5499, 16.9884



19.3710, -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.



14.0540, -1.9986, -12.3254



13.6290, 9.5499, 16.9884



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.



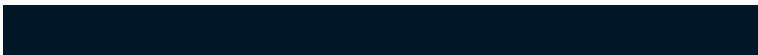
13.6290, 9.5499, 16.9884



12.5250, -6.1748, 20.5876



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.



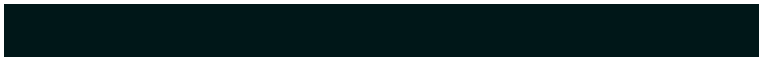
13.6290, 9.5499, 16.9884



13.1560, -6.4859, 27.0502



12.9140, -6.3666, -11.3256



16.2370, 3.8272, -14.2398

Sweetspot

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



13.6290, 9.5499, 16.9884



35.3690, 3.7621, 6.6924



3.7620, 14.4143, -3.2993



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.



13.6290, 9.5499, 16.9884



17.7590, 12.4438, 22.1364



11.8050, 2.5611, 18.5880



14.4130, 0.2894, 0.5148



32.6270, 22.8619, 40.6691



85.4910, 59.9039, 106.5634

Inverse Universe

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



13.6290, 9.5499, 16.9884



17.7590, 12.4438, 22.1364



21.3090, -2.1243, -18.6880



14.4130, 0.2894, 0.5148



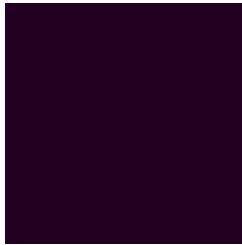
32.6270, 22.8619, 40.6691



85.4910, 59.9039, 106.5634

Previews

White Background



This preview shows how the YUV color 13.6290, 9.5499, 16.9884 looks on a white background.

Color Contrast Check

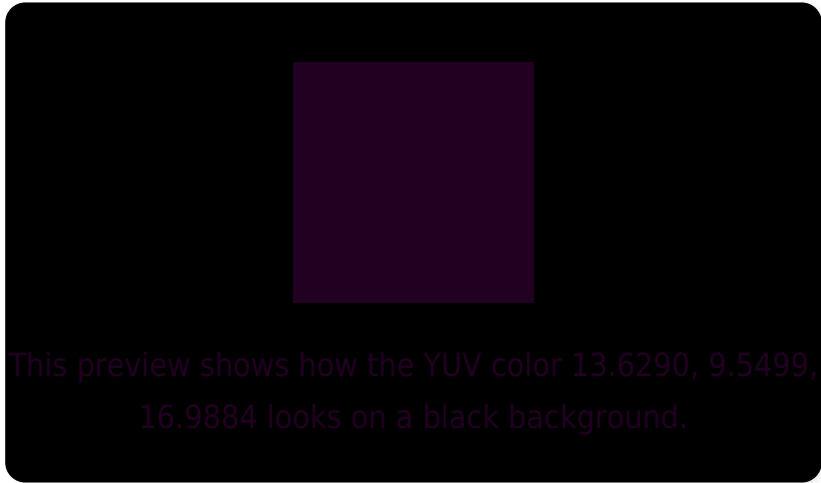
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6290, 9.5499, 16.9884

Background



This preview shows how black text looks on a background with the YUV color 13.6290, 9.5499, 16.9884.



This preview shows how white text looks on a background with the YUV color 13.6290, 9.5499,

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

15.0120, 11.8261, -13.1655

Deuteranopia

17.9760, 6.4208, -6.1180

Tritanopia

18.4960, -2.2165, 10.9660

Trichromacy



Protanomaly

14.2630, 11.2093, -1.9847

Deuteranomaly

16.3730, 7.7041, 2.3039

Tritanomaly

16.6580, 2.1406, 13.4549

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 13.6290, 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(33, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 33)  
}
```

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, 33) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 13.6290, 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(33, 0, 33) }
```

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

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

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, 33)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to YUV 13.6290, 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(33, 0, 33) }
```

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

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

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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