

Converting Colors

YUV(33.1490, 44.2965,
-21.1787)

Have a look what the booklet for
YUV(33.1490, 44.2965, -21.1787)
contains.

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Color

**YUV(33.1490, 44.2965,
-21.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	091C7B
RGB	9, 28, 123
RGB Percent	4%, 11%, 48%
CMY	0.9647, 0.8902, 0.5176
CMYK	0.93, 0.77, 0.00, 0.52
HSL	230°, 86%, 26%
HSV	230°, 93%, 48%
XYZ	4.1031, 2.3186, 18.9702
YIQ	33.1490, -41.8190, 25.5170

Conversions

Conversions Part 2

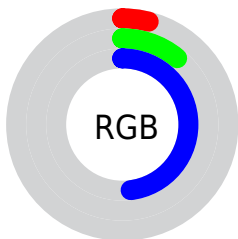
Format	Color
RYB	9, 25, 123
Decimal	597115
CIELab	17.08, 32.82, -54.67
CIELCh	17, 63.769, 300.978
Yxy	2.3186, 0.1616, 0.0913
Android (android.graphics.Color)	4278787195 (0xFF091C7B)
YUV	33.1490, 44.2965, -21.1787
Hunter-Lab	15.2271, 21.4508, -63.2055

Details

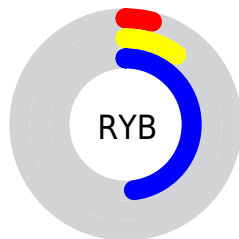
The YUV color **33.1490, 44.2965, -21.1787** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.8510, -44.2965, 21.1787**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.6610, 44.5371, -4.9647**, and **8.3220, 31.8863, -7.2984** is the 20% darker color. If you saturate the color by 10%, you get **26.3490, 47.6489, -23.1081**, and if you desaturate by 10%, it is **42.6070, 39.6337, -18.9493**.

Distribution



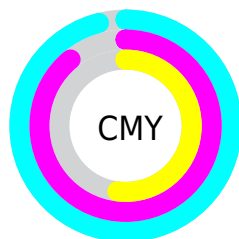
- Red (4%)
- Green (11%)
- Blue (48%)



- Red (4%)
- Yellow (10%)
- Blue (48%)



- Cyan (93%)
- Magenta (77%)
- Yellow (0%)
- Black (52%)



- Cyan (96%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1490, 44.2965, -21.1787 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 33.1490, 44.2965, -21.1787 by changing the saturation by 10% instead.

■ 33.1490, 44.2965,
-21.1787

■ 33.1490, 44.2965,
-21.1787

■ 255.0000, 0.0000,
0.0000

■ 15.7540, 40.0543,
-13.8163

■ 86.6610, 44.5371,
-4.9647

■ 8.3220, 31.8863,
-7.2984

■ 112.1990, 45.2579,
-2.8055

■ 7.9340, 20.2455,
-6.9581

■ 138.8510, 46.4155,
-0.7463

■ 3.6650, 11.5042,
-3.2142

■ 164.9930, 44.3735,
0.8831

■ 0.0000, 0.0000,
0.0000

■ 189.5130, 32.2851,
4.8121

■ 214.0330, 20.1967,

8.7411

240.0260, 7.3822,
12.2552

33.1490, 44.2965,
-21.1787

33.1490, 44.2965,
-21.1787

26.3490, 47.6489,
-23.1081

42.6070, 39.6337,
-18.9493

52.9510, 34.5342,
-16.6200

62.4090, 29.8714,
-14.3907

71.8670, 25.2086,
-12.1614

81.3250, 20.5458,
-9.9320

■ 91.6690, 15.4462,
-7.6027

■ 101.1270, 10.7834,
-5.3734

■ 110.5850, 6.1206,
-3.1440

■ 120.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



44.9680, 45.3718, -39.4369



33.1490, 44.2965, -21.1787



37.8390, 24.7294, 48.3762

Triad

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



33.1490, 44.2965, -21.1787



35.1060, -17.3073, 44.6340



38.8340, 1.5608, -34.0574

Complementary

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



33.1490, 44.2965, -21.1787



98.8510, -44.2965, 21.1787

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.



32.8720, -16.2059, -28.8287



33.1490, 44.2965, -21.1787



39.6150, -19.5302, 10.8616

Square

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



33.1490, 44.2965, -21.1787



32.5910, -16.0674, 67.0107



30.5240, -15.0483, -26.7695



44.7790, 21.8010, -39.2712

Rectangle

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



33.1490, 44.2965, -21.1787



39.8010, 8.9721, 62.4415



30.5240, -15.0483, -26.7695



36.4230, -5.1385, -31.9430

Sweetspot

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



33.1490, 44.2965, -21.1787



125.2390, 17.6302, -8.1026



86.7480, 8.5052, -68.1850



59.5400, 11.0728, -4.8586



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



33.1490, 44.2965, -21.1787



34.2030, 62.5109, -29.9960



33.3580, 44.1935, 11.9640



56.2710, 2.3314, -1.1147



26.5770, 48.5225, -23.3080



53.3820, 97.9187, -46.8160

Inverse Universe

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



45.2520, -8.5052, 68.1850



51.2170, -11.9390, 96.2797



98.6420, -44.1935, -11.9640



56.9080, -0.4476, 3.5887



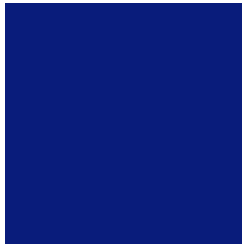
39.7690, -9.2531, 74.7476



80.1360, -18.8010, 150.7247

Previews

White Background



This preview shows how the YUV color 33.1490, 44.2965, -21.1787 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



This preview shows how the YUV color 33.1490, 44.2965, -21.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

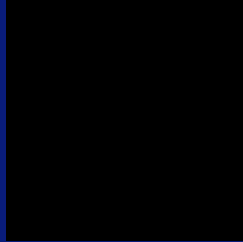
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.1490, 44.2965, -21.1787

Background



This preview shows how black text looks on a background with the YUV color 33.1490, 44.2965, -21.1787.



This preview shows how white text looks on a background with the YUV color 33.1490, 44.2965, -21.1787.

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

33.1490, 44.2965, -21.1787

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

34.8510, 19.3005, -30.5643



Tritanopia

33.8760, 7.9491, -29.7093

Trichromacy



Original Color

33.1490, 44.2965, -21.1787

Protanomaly

34.1300, 32.9669, -27.3010

Deuteranomaly

34.2780, 28.4569, -27.4308

Tritanomaly

33.7420, 21.3262, -26.9607

Monochromacy



Original Color

33.1490, 44.2965, -21.1787

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8970, 16.3198, -7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1490, 44.2965, -21.1787 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(9, 28, 123)` looks like.

```
.text, #text, p{  
    color:rgb(9, 28, 123)  
}
```

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(9, 28, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 28, 123) }
```

Border

The CSS property to change the border of an element to YUV 33.1490, 44.2965, -21.1787 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(9, 28, 123) }
```


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

```
.border{ border-color:rgb(9, 28, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 28, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 28, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 28, 123);  
box-shadow:4px 4px 4px 4px rgb(9, 28, 123)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.1490, 44.2965, -21.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 28, 123) }
```

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

```
.background{ background-color: rgb(9, 28,  
123) }
```

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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