

# Converting Colors

YUV(46.1440, 99.0220,  
-27.3133)

Have a look what the booklet for  
YUV(46.1440, 99.0220, -27.3133)  
contains.

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# Color

**YUV(46.1440, 99.0220,  
-27.3133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F17F7
RGB	15, 23, 247
RGB Percent	6%, 9%, 97%
CMY	0.9412, 0.9098, 0.0314
CMYK	0.94, 0.91, 0.00, 0.03
HSL	238°, 94%, 51%
HSV	238°, 94%, 97%
XYZ	17.2919, 7.4298, 88.5184
YIQ	46.1440, -76.6720, 67.9680

# Conversions

## Conversions Part 2

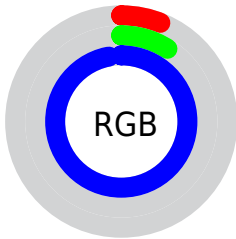
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 23, 247
Decimal	989175
CIE Lab	32.77, 73.12, -102.58
CIE LCh	33, 125.974, 305.480
Yxy	7.4298, 0.1527, 0.0656
Android (android.graphics.Color)	4279179255 (0xFF0F17F7)
YUV	46.1440, 99.0220, -27.3133
Hunter-Lab	27.2576, 65.5377, -173.4627

# Details

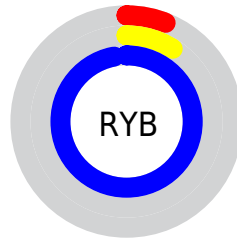
The YUV color **46.1440, 99.0220, -27.3133** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **215.8560, -99.0220, 27.3133**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9100, 70.5434, 7.0949**, and **21.5460, 82.5548, -18.8958** is the 20% darker color. If you saturate the color by 10%, you get **33.4410, 105.2846, -29.3278**, and if you desaturate by 10%, it is **67.7070, 88.3914, -24.2990**.

# Distribution



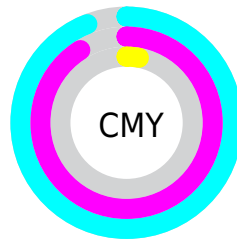
- Red (6%)
- Green (9%)
- Blue (97%)



- Red (6%)
- Yellow (9%)
- Blue (97%)



- Cyan (94%)
- Magenta (91%)
- Yellow (0%)
- Black (3%)



- Cyan (94%)
- Magenta (91%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 46.1440, 99.0220, -27.3133 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 46.1440, 99.0220, -27.3133 by changing the saturation by 10% instead.



■ 46.1440, 99.0220,  
-27.3133

■ 46.1440, 99.0220,  
-27.3133

255.0000, 0.0000,  
0.0000

■ 24.8520, 95.2220,  
-21.7952

■ 111.9100, 70.5434,  
7.0949

■ 21.5460, 82.5548,  
-18.8958

■ 138.5230, 57.4232,  
15.3273

■ 18.3540, 70.3245,  
-16.0965

■ 164.2390, 44.7452,  
21.7154

■ 15.1620, 58.0941,  
-13.2971

■ 189.9550, 32.0672,  
28.1035

■ 22.1770, 41.8177,  
-19.4492

■ 216.2580, 19.0998,  
33.9767

■ 15.6910, 32.1973,  
-13.7610


■ 233.2810, 10.7075,


■ 9.4330, 23.4505,


19.0476


-8.2727


 250.3040, 2.3151,  
4.1184


 5.1640, 14.7091,  
-4.5288


 1.1400, 4.3680,  
-0.9998

 46.1440, 99.0220,  
-27.3133


 46.1440, 99.0220,  
-27.3133

 33.4410, 105.2846,  
-29.3278

 67.7070, 88.3914,  
-24.2990

 88.9710, 77.9083,  
-21.8996

 110.5340, 67.2777,  
-18.8853

 131.5100, 56.9366,  
-15.3563

■ 153.0730, 46.3060,  
-12.3420

■ 174.3370, 35.8229,  
-9.9425

■ 195.9000, 25.1923,  
-6.9283

■ 217.4630, 14.5617,  
-3.9141

■ 238.7270, 4.0786,  
-1.5146

# Harmonies

## Analogous

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



83.6610, 84.4701, -73.3707



46.1440, 99.0220, -27.3133



77.4850, 42.1589, 104.8147

# Triad

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



46.1440, 99.0220, -27.3133



57.2100, -28.2045, 86.6388



72.3510, 10.6730, -63.4518

# Complementary

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



46.1440, 99.0220, -27.3133



215.8560, -99.0220, 27.3133

# 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.



59.8740, -29.5179, -52.5095



46.1440, 99.0220, -27.3133



71.1680, -35.0858, 6.8687

# Square

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



46.1440, 99.0220, -27.3133



62.4910, -30.8081, 128.4884



56.9390, -28.0709, -49.9355



86.2130, 53.6320, -75.6088



# Rectangle

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



46.1440, 99.0220, -27.3133



78.6320, 9.0554, 129.2417



56.9390, -28.0709, -49.9355



67.7740, -4.3256, -59.4378

# Sweetspot

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



46.1440, 99.0220, -27.3133



193.2680, 30.4339, -8.1280



176.2640, 28.9568, -141.4285



90.1900, 18.6403, -5.4286



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



46.1440, 99.0220, -27.3133



34.3530, 108.7790, -30.1276



72.5440, 86.0068, 40.7419



111.9550, 4.9522, -1.7145



24.7260, 79.5081, -21.6847



7.9000, 25.1923, -6.9283



# Inverse Universe

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



85.2800, -30.7040, 141.8284



77.2710, -33.6576, 155.8683



189.4560, -86.0068, -40.7419



113.7020, -1.3321, 7.2773



56.2980, -24.7969, 113.7487

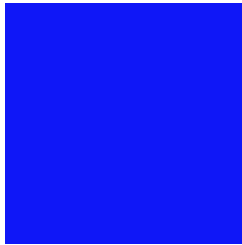


17.8690, -7.8234, 36.0719



# Previews

## White Background



This preview shows how the YUV color 46.1440, 99.0220, -27.3133 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

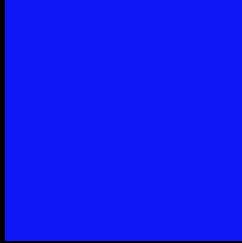
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 46.1440, 99.0220, -27.3133 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 46.1440, 99.0220, -27.3133

## Background



This preview shows how black text looks on a background with the YUV color 46.1440, 99.0220, -27.3133.



This preview shows how white text looks on a background with the YUV color 46.1440, 99.0220,



# 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

46.1440, 99.0220, -27.3133

### Protanopia

61.1080, 46.2888, -53.5917

### Deuteranopia

61.4210, 34.7954, -53.8662



## Tritanopia

60.0410, 14.2768, -52.6560

# Trichromacy



## Original Color

46.1440, 99.0220, -27.3133

## Protanomaly

55.2120, 65.4645, -44.0359

## Deuteranomaly

55.9640, 58.1917, -44.6954

## Tritanomaly

54.5330, 45.0932, -43.4404

# Monochromacy



## Original Color

46.1440, 99.0220, -27.3133

## Achromatopsia

46.0000, 0.0000, 0.0000

## Achromatomaly

46.3370, 35.8229, -9.9425

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 46.1440, 99.0220, -27.3133 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(15, 23, 247)` looks like.

```
.text, #text, p{  
    color:rgb(15, 23, 247)  
}
```

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(15, 23, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 23, 247) }
```

## Border

The CSS property to change the border of an element to YUV 46.1440, 99.0220, -27.3133 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(15, 23, 247) }
```



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

```
.border{ border-color:rgb(15, 23, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 23, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 23, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 23, 247);  
box-shadow:4px 4px 4px 4px rgb(15, 23,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 46.1440, 99.0220, -27.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 23, 247) }
```

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

```
.background{ background-color: rgb(15, 23,  
247) }
```

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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