

# Converting Colors

YUV(162.5130, 45.5961,  
-17.9899)

Have a look what the booklet for  
YUV(162.5130, 45.5961, -17.9899)  
contains.

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# Color

**YUV(162.5130, 45.5961,  
-17.9899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9BFF
RGB	142, 155, 255
RGB Percent	56%, 61%, 100%
CMY	0.4431, 0.3922, 0.0000
CMYK	0.44, 0.39, 0.00, 0.00
HSL	233°, 100%, 78%
HSV	233°, 44%, 100%
XYZ	40.9267, 36.4135, 99.4792
YIQ	162.5130, -39.8480, 28.3440

# Conversions

## Conversions Part 2

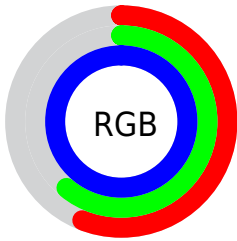
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 154, 255</a>
Decimal	<a href="#">9346047</a>
CIELab	<a href="#">66.83, 20.52, -51.25</a>
CIElCh	<a href="#">67, 55.205, 291.821</a>
Yxy	<a href="#">36.4135, 0.2315, 0.2059</a>
Android (android.graphics.Color)	<a href="#">4287536127</a> ( <a href="#">0xFF8E9BFF</a> )
YUV	<a href="#">162.5130, 45.5961, -17.9899</a>
Hunter-Lab	<a href="#">60.3436, 15.4624, -55.5018</a>

# Details

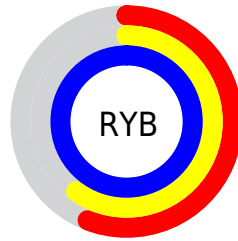
The YUV color **162.5130, 45.5961, -17.9899** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.4870, -45.5961, 17.9899**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5530, 21.4194, -10.1320**, and **108.7360, 44.0072, -21.6935** is the 20% darker color. If you saturate the color by 10%, you get **141.5370, 55.9373, -21.5189**, and if you desaturate by 10%, it is **183.7880, 35.1075, -13.8461**.

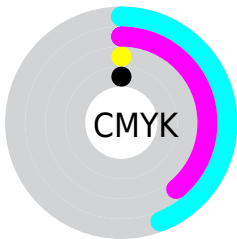
# Distribution



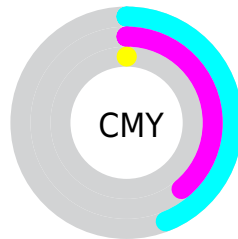
- Red (56%)
- Green (61%)
- Blue (100%)



- Red (56%)
- Yellow (60%)
- Blue (100%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 162.5130, 45.5961, -17.9899 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 162.5130, 45.5961, -17.9899 by changing the saturation by 10% instead.



■ 162.5130, 45.5961,  
-17.9899

■ 162.5130, 45.5961,  
-17.9899

255.0000, 0.0000,  
0.0000

■ 135.2740, 44.7279,  
-19.5343

■ 211.5530, 21.4194,  
-10.1320

■ 108.7360, 44.0072,  
-21.6935

■ 236.6600, 9.0416,  
-6.7178

■ 82.1870, 43.2918,  
-25.5970

■ 52.7400, 44.4982,  
-39.2370

■ 35.0570, 40.3979,  
-30.7450

■ 21.0540, 34.9764,  
-18.4644

■ 8.8120, 28.6867,

-7.7281

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,  
-2.8143

■ 162.5130, 45.5961,  
-17.9899

■ 162.5130, 45.5961,  
-17.9899

■ 141.5370, 55.9373,  
-21.5189

■ 183.7880, 35.1075,  
-13.8461

■ 120.8490, 66.1364,  
-26.1776

■ 204.1770, 25.0557,  
-9.8022

■ 99.8730, 76.4776,  
-29.7066

■ 225.4520, 14.5672,  
-5.6584

■ 79.1850, 86.6768,  
-34.3652

■ 245.8410, 4.5154,  
-1.6146

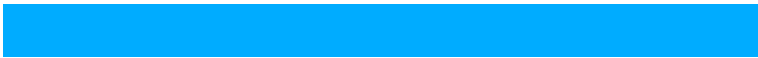
■ 58.2090, 97.0180, 255.0000, 0.0000,  
-37.8943 0.0000

■ 46.0930, 102.9912,  
-40.4236

# Harmonies

## Analogous

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



130.0340, 61.6082, -114.0398



162.5130, 45.5961, -17.9899



167.6850, 28.2563, 37.1103

# Triad

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



162.5130, 45.5961, -17.9899



160.4990, -36.7280, 67.0914



125.9400, 10.3826, -110.4494

# Complementary

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



162.5130, 45.5961, -17.9899



234.4870, -45.5961, 17.9899

# 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.



145.9380, -23.1404, -44.6726



162.5130, 45.5961, -17.9899



158.2230, -48.4239, 38.3924

# Square

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



162.5130, 45.5961, -17.9899



161.6790, -16.1107, 80.9655



154.1320, -43.9421, 0.7612



132.3410, 32.3699, -116.0631



# Rectangle

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



162.5130, 45.5961, -17.9899



166.1800, 14.2083, 62.9861



154.1320, -43.9421, 0.7612



125.5080, 2.2146, -103.9315

# Sweetspot

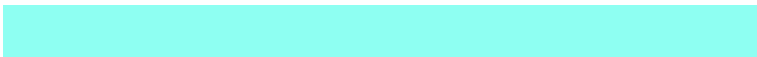
The Sweet Spot groups the original color and five complimentary colors.



162.5130, 45.5961, -17.9899



228.1100, 13.2568, -5.3585



219.7310, 10.9786, -68.1701



110.5680, 8.5940, -3.1291



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.



162.5130, 45.5961, -17.9899



144.1950, 54.6269, -21.2190



167.7390, 43.0197, 15.1379



117.0690, 5.3890, -1.8145



34.6880, 77.0618, -30.4214



11.4050, 25.9293, -10.0022



# Inverse Universe

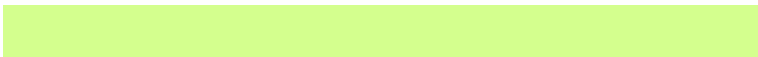
The Inverse Universe completely reimagines the original color for something new.



177.2690, -10.9786, 68.1701



162.0750, -13.3480, 81.4952



229.2610, -43.0197, -15.1379



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459



# Previews

## White Background



This preview shows how the YUV color 162.5130, 45.5961, -17.9899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

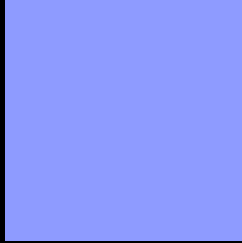
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 162.5130, 45.5961, -17.9899 looks on a black 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

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

# YUV 162.5130, 45.5961, -17.9899

## Background



This preview shows how black text looks on a background with the YUV color 162.5130, 45.5961, -17.9899.



This preview shows how white text looks on a background with the YUV color 162.5130, 45.5961, -17.9899.

-17.9899.

# 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

162.5130, 45.5961, -17.9899

### Protanopia

160.0770, 46.7970, -29.8855

### Deuteranopia

158.0220, 46.8242, -38.6073



## Tritanopia

157.5430, 13.0433, -30.2942

# Trichromacy



## Original Color

162.5130, 45.5961, -17.9899

## Protanomaly

161.2840, 46.2020, -25.6821

## Deuteranomaly

159.3650, 46.6551, -31.0151

## Tritanomaly

159.6650, 24.8152, -26.0162

# Monochromacy



## Original Color

162.5130, 45.5961, -17.9899

## Achromatopsia

163.0000, 0.0000, 0.0000

## Achromatomaly

162.6090, 16.4618, -6.6731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 162.5130, 45.5961, -17.9899 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(142, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 255)  
}
```

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(142, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 255) }
```

## Border

The CSS property to change the border of an element to YUV 162.5130, 45.5961, -17.9899 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(142, 155, 255) }
```



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

```
.border{ border-color:rgb(142, 155, 255) }
```

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

Here you see how a box with a 4 pixel rgb(142, 155, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 162.5130, 45.5961, -17.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 255) }
```

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

```
.background{ background-color: rgb(142,  
155, 255) }
```

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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