

# Converting Colors

YUV(164.5050, -17.0110,  
-144.2709)

Have a look what the booklet for  
YUV(164.5050, -17.0110, -144.2709)  
contains.

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# Color

**YUV(164.5050, -17.0110,  
-144.2709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF82
RGB	0, 255, 130
RGB Percent	0%, 100%, 51%
CMY	1.0000, 0.0000, 0.4902
CMYK	1.00, 0.00, 0.49, 0.00
HSL	151°, 100%, 50%
HSV	151°, 100%, 100%
XYZ	39.7893, 73.1317, 33.1378
YIQ	164.5050, -111.8550, -92.9350

# Conversions

## Conversions Part 2

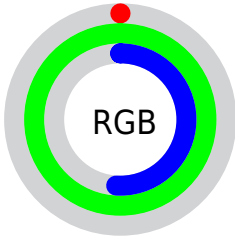
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 169, 255
Decimal	65410
CIELab	88.51, -76.44, 45.66
CIELCh	89, 89.040, 149.149
Yxy	73.1317, 0.2724, 0.5007
Android (android.graphics.Color)	4278255490 (0xFF00FF82)
YUV	164.5050, -17.0110, -144.2709
Hunter-Lab	85.5171, -66.6027, 36.8871

# Details

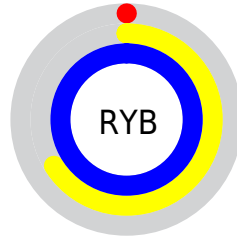
The YUV color **164.5050, -17.0110, -144.2709** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **90.4950, 17.0110, 144.2709**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4590, -10.0863, -78.4555**, and **124.5310, -22.9398, -109.2137** is the 20% darker color. If you saturate the color by 10%, you get **164.5050, -17.0110, -144.2709**, and if you desaturate by 10%, it is **173.4620, -15.0178, -130.2012**.

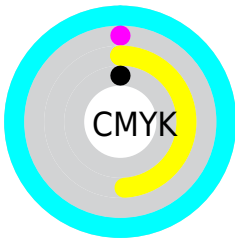
# Distribution



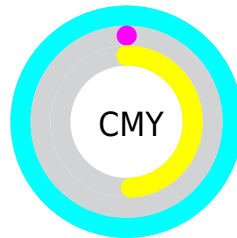
- Red (0%)
- Green (100%)
- Blue (51%)



- Red (0%)
- Yellow (66%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.5050, -17.0110, -144.2709 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 164.5050, -17.0110, -144.2709 by changing the saturation by 10% instead.



164.5050,  
-17.0110, -144.2709

164.5050,  
-17.0110, -144.2709

255.0000, 0.0000,  
0.0000

143.9310,  
-19.6860, -126.2275

205.4590,  
-10.0863, -78.4555

124.5310,  
-22.9398, -109.2137

218.8170, -2.8678,  
-60.3525

104.5440,  
-25.9042, -91.6851

232.2890, 4.7875,  
-42.3495

84.9160, -30.0316,  
-74.4713

243.3390, 5.7489,  
-23.9763

66.3310, -32.7012,  
-58.1723

252.9070, 1.0318,  
-4.3034

51.0690, -25.1770,  
-44.7875

36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,  
-18.5328

■ 0.0000, 0.0000,  
0.0000

■ 164.5050,  
-17.0110, -144.2709

■ 173.4620,  
-15.0178, -130.2012

■ 182.6040,  
-13.6088, -115.4167

■ 191.8600,  
-11.7630, -100.7322

■ 200.7030,  
-10.2066, -86.5625

■ 209.9590, -8.3608,  
-71.8780

■ 218.8020, -6.8044,  
-57.7084

■ 228.0580, -4.9586,  
-43.0239

■ 236.9010, -3.4022,  
-28.8542

■ 246.1570, -1.5564,  
-14.1697

# Harmonies

## Analogous

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



201.8130, -73.8578, -17.3760



164.5050, -17.0110, -144.2709



174.4230, 20.9905, -152.9690

# Triad

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



164.5050, -17.0110, -144.2709



165.8410, 43.9554, -145.4426



180.2380, -17.3723, 65.5663

# Complementary

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



164.5050, -17.0110, -144.2709



90.4950, 17.0110, 144.2709

# 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.



182.6560, 22.3546, 63.4457



164.5050, -17.0110, -144.2709



211.3420, 21.5234, 3.2081

# Square

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



164.5050, -17.0110, -144.2709



177.5810, 38.1676, -155.7385



200.4090, 26.9134, 47.8763



192.3470, -59.8241, 54.9467



# Rectangle

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



164.5050, -17.0110, -144.2709



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



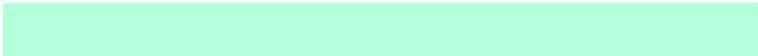
178.6200, -3.2637, 66.9853

# Sweetspot

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



164.5050, -17.0110, -144.2709



228.0580, -4.9586, -43.0239



187.9570, -92.6628, -52.5823



111.6240, -3.2656, -25.9802



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.



164.5050, -17.0110, -144.2709



178.7550, 37.5888, -156.7681



123.3150, -1.1413, -7.2923



123.2890, -12.4675, -108.1245



41.3300, -4.1067, -36.2464

# Inverse Universe

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



90.4950, 17.0110, 144.2709



76.2450, -37.5888, 156.7681



119.5710, 0.7045, 7.3922



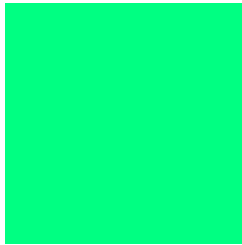
67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

# Previews

## White Background



This preview shows how the YUV color 164.5050, -17.0110, -144.2709 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 164.5050, -17.0110, -144.2709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

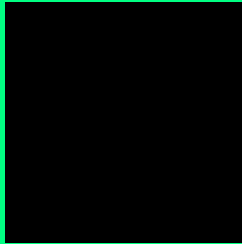
Any Text WCAG AA ✓ Pass

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 164.5050, -17.0110, -144.2709 Background



This preview shows how black text looks on a background with the YUV color 164.5050, -17.0110, -144.2709.



This preview shows how white text looks on a background with the YUV color 164.5050, -17.0110, -144.2709.

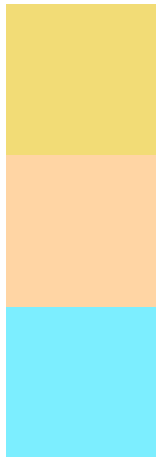




# Color Blindness Simulation

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

214.9500, -47.7963, 23.7229

### Deuteranopia

219.9720, -27.5942, 30.7196

### Tritanopia

205.8520, 24.2300, -71.7842

# Trichromacy



## Protanomaly

196.7250, -36.8394, -37.4698

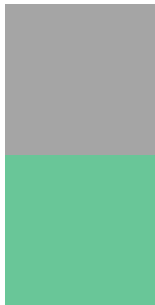
## Deuteranomaly

199.6020, -23.4678, -32.9770

## Tritanomaly

190.7890, 9.4710, -98.0390

# Monochromacy



## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

164.9490, -6.3839, -52.5753

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.5050, -17.0110, -144.2709 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(0, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 130)  
}
```

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(0, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 130) }
```

## Border

The CSS property to change the border of an element to YUV 164.5050, -17.0110, -144.2709 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(0, 255, 130) }
```

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

```
.border{ border-color:rgb(0, 255, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 164.5050, -17.0110, -144.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 130) }
```

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

```
.background{ background-color: rgb(0, 255,  
130) }
```

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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