

# Converting Colors

YUV(155.1270, -20.2756,  
-123.7684)

Have a look what the booklet for  
YUV(155.1270, -20.2756, -123.7684)  
contains.

<b>YUV(155.1270, -20.2756, -123.7684)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(155.1270, -20.2756,  
-123.7684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EEB72
RGB	14, 235, 114
RGB Percent	5%, 92%, 45%
CMY	0.9451, 0.0784, 0.5529
CMYK	0.94, 0.00, 0.51, 0.08
HSL	147°, 89%, 49%
HSV	147°, 94%, 92%
XYZ	32.9267, 60.7249, 25.9053
YIQ	155.1270, -92.8750, -84.4830

# Conversions

## Conversions Part 2

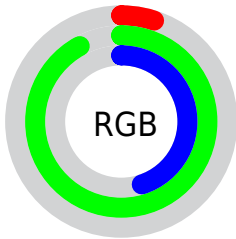
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 166, 235
Decimal	977778
CIELab	82.23, -72.25, 45.43
CIELCh	82, 85.346, 147.835
Yxy	60.7249, 0.2754, 0.5079
Android (android.graphics.Color)	4279167858 (0xFF0EEB72)
YUV	155.1270, -20.2756, -123.7684
Hunter-Lab	77.9262, -60.9480, 34.8384

# Details

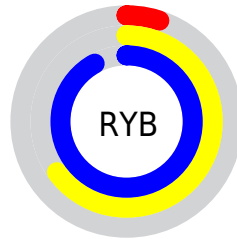
The YUV color **155.1270, -20.2756, -123.7684** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **93.8730, 20.2756, 123.7684**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6240, -17.0696, -78.6002**, and **110.9670, -24.1407, -97.3181** is the 20% darker color. If you saturate the color by 10%, you get **150.0290, -21.7063, -131.5754**, and if you desaturate by 10%, it is **163.7850, -18.1350, -110.3134**.

# Distribution



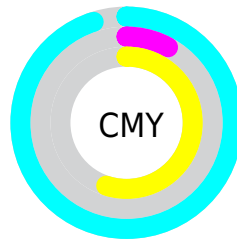
- Red (5%)
- Green (92%)
- Blue (45%)



- Red (5%)
- Yellow (65%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (51%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.1270, -20.2756, -123.7684 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 155.1270, -20.2756, -123.7684 by changing the saturation by 10% instead.



■ 155.1270,  
-20.2756, -123.7684

■ 155.1270,  
-20.2756, -123.7684

■ 255.0000, 0.0000,  
0.0000

■ 130.9540,  
-21.1763, -114.8467

■ 202.6240,  
-17.0696, -78.6002

■ 110.9670,  
-24.1407, -97.3181

■ 215.6830, -9.7037,  
-61.1120

■ 92.1540, -27.6839,  
-80.8191

■ 228.7420, -2.3378,  
-43.6237

■ 71.8420, -34.4321,  
-63.0054

■ 241.3170, 5.7597,  
-27.4650

■ 56.3520, -27.7815,  
-49.4207

■ 251.1130, 1.9163,  
-7.9921

■ 41.0900, -20.2574,  
-36.0359

■ 27.0020, -13.3120,

-23.6808

■ 8.8050, -4.3409,  
-7.7220

■ 0.0000, 0.0000,  
0.0000

■ 155.1270,  
-20.2756, -123.7684

■ 155.1270,  
-20.2756, -123.7684

■ 150.0290,  
-21.7063, -131.5754


■ 163.7850,  
-18.1350, -110.3134

■ 172.1440,  
-15.8470, -97.4733


■ 180.8020,  
-13.7064, -84.0184

■ 189.0470,  
-11.8552, -71.0782

 197.7050, -9.7146,  
-57.6233

 206.0640, -7.4266,  
-44.7831

 214.7220, -5.2859,  
-31.3282

 223.0810, -2.9979,  
-18.4880

 231.7390, -0.8573,  
-5.0331

# Harmonies

## Analogous

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



185.4760, -72.7057, -13.5725



155.1270, -20.2756, -123.7684



163.8110, 15.8692, -143.6622

# Triad

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



155.1270, -20.2756, -123.7684



155.8620, 48.8750, -136.6910



170.2930, -17.3994, 74.2880

# Complementary

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



155.1270, -20.2756, -123.7684



93.8730, 20.2756, 123.7684

# 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.



172.8420, 20.2909, 72.0526



155.1270, -20.2756, -123.7684



195.3610, 29.4020, -3.8246

# Square

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



155.1270, -20.2756, -123.7684



166.4280, 43.6660, -145.9574



192.1910, 30.9648, 55.0835



181.5700, -57.9620, 64.3981



# Rectangle

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



155.1270, -20.2756, -123.7684



170.6680, 39.6037, -149.6758



192.1910, 30.9648, 55.0835



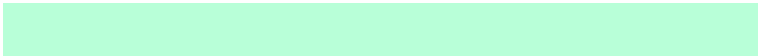
168.4470, -4.1644, 75.9070

# Sweetspot

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



155.1270, -20.2756, -123.7684



229.3250, -6.5692, -39.7500



180.2050, -81.9391, -38.7678



112.1080, -3.9972, -24.6507



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.



155.1270, -20.2756, -123.7684



162.7950, -23.5629, -142.7712



167.6670, 27.7722, -134.7660



113.0270, -0.9993, -6.1627



115.5950, -16.5623, -101.3768



34.4340, -5.1440, -30.1986



# Inverse Universe

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



93.8730, 20.2756, 123.7684



92.2050, 23.5629, 142.7712



81.3330, -27.7722, 134.7660



109.9730, 0.9993, 6.1627



65.4050, 16.5623, 101.3768



19.4520, 4.7072, 30.2986



# Previews

## White Background



This preview shows how the YUV color 155.1270, -20.2756, -123.7684 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 155.1270, -20.2756, -123.7684 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 155.1270, -20.2756, -123.7684 Background



This preview shows how black text looks on a background with the YUV color 155.1270, -20.2756, -123.7684.



This preview shows how white text looks on a background with the YUV color 155.1270, -20.2756, -123.7684.

-123.7684.

# 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

155.1270, -20.2756, -123.7684

### Protanopia

197.8790, -46.7753, 22.9081

### Deuteranopia

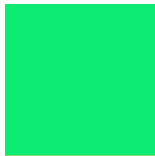
200.7960, -37.3674, 38.7669



## Tritanopia

184.1820, 27.0253, -81.7206

# Trichromacy



## Original Color

155.1270, -20.2756, -123.7684



## Protanomaly

182.6550, -37.2979, -30.3924



## Deuteranomaly

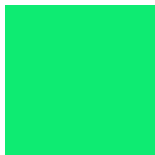
184.0290, -31.0733, -20.1964



## Tritanomaly

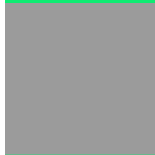
173.6150, 10.0498, -97.0094

# Monochromacy



## Original Color

155.1270, -20.2756, -123.7684



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.0640, -7.4266, -44.7831

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.1270, -20.2756, -123.7684 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(14, 235, 114)` looks like.

```
.text, #text, p{  
    color:rgb(14, 235, 114)  
}
```

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(14, 235, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 235, 114) }
```

## Border

The CSS property to change the border of an element to YUV 155.1270, -20.2756, -123.7684 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(14, 235, 114) }
```



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

```
.border{ border-color:rgb(14, 235, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 235, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 235, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 235, 114);  
box-shadow:4px 4px 4px 4px rgb(14, 235,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 155.1270, -20.2756, -123.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 235, 114) }
```

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

```
.background{ background-color: rgb(14, 235,  
114) }
```

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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