

# Converting Colors

YUV(172.9610, -1.4598,  
-92.0508)

Have a look what the booklet for  
YUV(172.9610, -1.4598, -92.0508)  
contains.

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# Color

**YUV(172.9610, -1.4598,  
-92.0508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44E3AA
RGB	68, 227, 170
RGB Percent	27%, 89%, 67%
CMY	0.7333, 0.1098, 0.3333
CMYK	0.70, 0.00, 0.25, 0.11
HSL	158°, 74%, 58%
HSV	158°, 70%, 89%
XYZ	37.1087, 59.0694, 47.4759
YIQ	172.9610, -76.4670, -51.4350

# Conversions

## Conversions Part 2

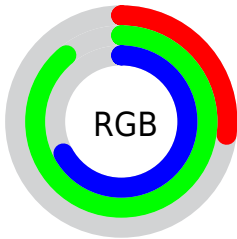
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 165, 227
Decimal	4514730
CIELab	81.33, -54.08, 16.15
CIElCh	81, 56.445, 163.373
Yxy	59.0694, 0.2583, 0.4112
Android (android.graphics.Color)	4282704810 (0xFF44E3AA)
YUV	172.9610, -1.4598, -92.0508
Hunter-Lab	76.8566, -48.3139, 17.1750

# Details

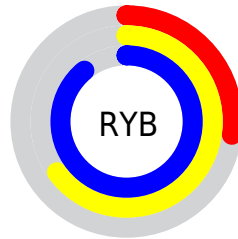
The YUV color **172.9610, -1.4598, -92.0508** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **122.0390, 1.4598, 92.0508**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7000, 4.5849, -70.7739**, and **113.2420, 2.3457, -99.3132** is the 20% darker color. If you saturate the color by 10%, you get **165.1720, -1.5638, -105.3908**, and if you desaturate by 10%, it is **180.7500, -1.3558, -78.7108**.

# Distribution



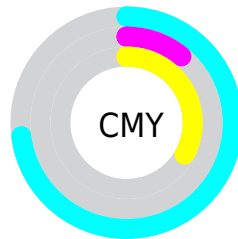
- Red (27%)
- Green (89%)
- Blue (67%)



- Red (27%)
- Yellow (65%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.9610, -1.4598, -92.0508 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 172.9610, -1.4598, -92.0508 by changing the saturation by 10% instead.



■ 172.9610, -1.4598,  
-92.0508

■ 172.9610, -1.4598,  
-92.0508

255.0000, 0.0000,  
0.0000

■ 136.7140, 3.0990,  
-107.6202

■ 215.7000, 4.5849,  
-70.7739

■ 113.2420, 2.3457,  
-99.3132

■ 228.2750, 12.6824,  
-54.6152

■ 94.5430, -0.7607,  
-82.9142

■ 237.3590, 8.6970,  
-36.2718

■ 76.5450, -3.7197,  
-67.1300

■ 246.6280, 4.1274,  
-17.2138

■ 58.7750, -5.8051,  
-51.5457

■ 41.5920, -8.1799,  
-36.4762

■ 25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,  
-4.6332

■ 0.0000, 0.0000,  
0.0000

■ 172.9610, -1.4598,  
-92.0508

■ 172.9610, -1.4598,  
-92.0508

■ 165.1720, -1.5638,  
-105.3908

■ 180.7500, -1.3558,  
-78.7108

■ 157.6820, -1.8152,  
-118.1161


■ 188.2400, -1.1043,  
-65.9855


■ 149.8930, -1.9192,  
-131.4562


■ 196.0290, -1.0003,  
-52.6454


■ 203.9320, -0.4595,  
-39.4054

 211.4220, -0.2080,  
-26.6801

 219.2110, -0.1040,  
-13.3400

 227.0000, 0.0000,  
0.0000

 234.7890, 0.1040,  
13.3400

 237.1960, 2.8614,  
15.6141

# Harmonies

## Analogous

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



188.4960, -32.7825, -32.0070



172.9610, -1.4598, -92.0508



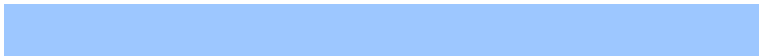
160.0730, 32.0090, -140.3840

# Triad

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



172.9610, -1.4598, -92.0508



192.8260, 30.6518, -31.4194



191.0830, -29.1279, 56.0552

# Complementary

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



172.9610, -1.4598, -92.0508



122.0390, 1.4598, 92.0508

# 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.



189.5110, -4.6889, 57.4339



172.9610, -1.4598, -92.0508



205.0060, 24.6470, 28.0587

# Square

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



172.9610, -1.4598, -92.0508



155.8620, 48.8750, -136.6910



198.0150, 17.7406, 49.9758



198.5880, -48.6039, 49.4733



# Rectangle

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



172.9610, -1.4598, -92.0508



162.9060, 45.4023, -142.8686



198.0150, 17.7406, 49.9758



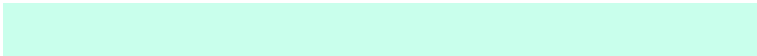
189.8580, -21.1290, 57.1295

# Sweetspot

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



172.9610, -1.4598, -92.0508



236.6880, -0.3392, -31.2984



178.6750, -54.5628, -46.1960



117.0640, -0.5246, -18.4731



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.



172.9610, -1.4598, -92.0508



182.2360, -2.0883, -123.8640



167.1320, 29.5149, -86.9388



110.9560, 0.0217, -6.9774



118.1830, -1.5692, -103.6465



33.6990, -0.3446, -29.5540



# Inverse Universe

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



122.0390, 1.4598, 92.0508



113.7640, 2.0883, 123.8640



127.8680, -29.5149, 86.9388



107.0440, -0.0217, 6.9774



60.8170, 1.5692, 103.6465

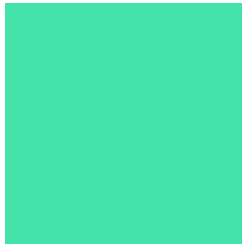


17.3010, 0.3446, 29.5540



# Previews

## White Background



This preview shows how the YUV color 172.9610, -1.4598, -92.0508 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 172.9610, -1.4598, -92.0508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

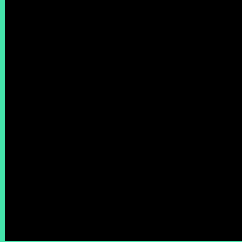
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

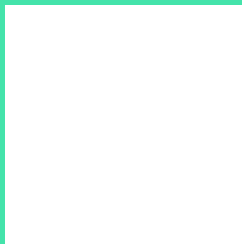
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 172.9610, -1.4598, -92.0508

## Background



This preview shows how black text looks on a background with the YUV color 172.9610, -1.4598, -92.0508.



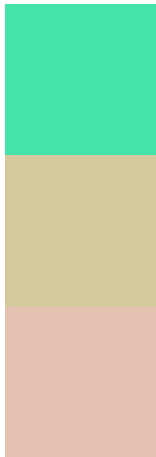
This preview shows how white text looks on a background with the YUV color 172.9610, -1.4598, -92.0508.

-92.0508.

# 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

172.9610, -1.4598, -92.0508

### Protanopia

198.9850, -20.6986, 12.2912

### Deuteranopia

201.6410, -12.1480, 23.1168



## Tritanopia

183.8730, 25.6986, -76.1876

# Trichromacy



## Original Color

172.9610, -1.4598, -92.0508



## Protanomaly

189.5780, -13.5960, -25.9399



## Deuteranomaly

191.0010, -8.3815, -18.4179



## Tritanomaly

179.6090, 15.9688, -82.0951

# Monochromacy



## Original Color

172.9610, -1.4598, -92.0508



## Achromatopsia

173.0000, 0.0000, 0.0000



## Achromatomaly

173.2640, -0.6232, -33.5575

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.9610, -1.4598, -92.0508 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(68, 227, 170)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 170)  
}
```

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(68, 227, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 170) }
```

## Border

The CSS property to change the border of an element to YUV 172.9610, -1.4598, -92.0508 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(68, 227, 170) }
```



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

```
.border{ border-color:rgb(68, 227, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 227, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 170);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 172.9610, -1.4598, -92.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 170) }
```

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

```
.background{ background-color: rgb(68, 227,  
170) }
```

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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