

Converting Colors

YUV(170.8490, -28.0266,
-17.4076)

Have a look what the booklet for
YUV(170.8490, -28.0266, -17.4076)
contains.

YUV(170.8490, -28.0266, -17.4076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.8490, -28.0266,
-17.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	97C072
RGB	151, 192, 114
RGB Percent	59%, 75%, 45%
CMY	0.4078, 0.2471, 0.5529
CMYK	0.21, 0.00, 0.41, 0.25
HSL	92°, 38%, 60%
HSV	92°, 41%, 75%
XYZ	34.6494, 45.4935, 22.8745
YIQ	170.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

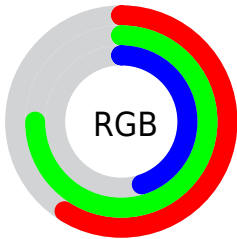
Format	Color
RYB	114, 192, 155
Decimal	9945202
CIELab	73.22, -27.37, 34.93
CIElCh	73, 44.372, 128.083
Yxy	45.4935, 0.3363, 0.4416
Android (android.graphics.Color)	4288135282 (0xFF97C072)
YUV	170.8490, -28.0266, -17.4076
Hunter-Lab	67.4489, -26.3376, 27.1067

Details

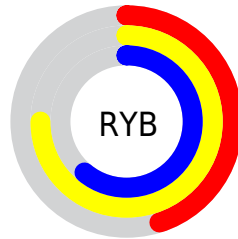
The YUV color **170.8490, -28.0266, -17.4076** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **135.1510, 28.0266, 17.4076**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7950, -29.4789, -18.2372**, and **117.6040, -26.4268, -17.1927** is the 20% darker color. If you saturate the color by 10%, you get **165.6930, -34.8516, -21.6558**, and if you desaturate by 10%, it is **176.0050, -21.2015, -13.1594**.

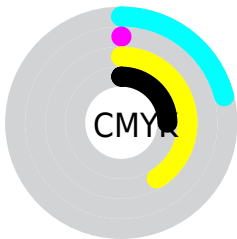
Distribution



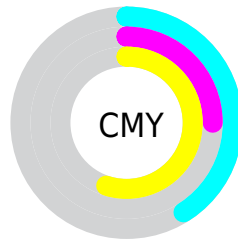
- Red (59%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8490, -28.0266, -17.4076 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 170.8490, -28.0266, -17.4076 by changing the saturation by 10% instead.

■ 170.8490,
-28.0266, -17.4076

■ 170.8490,
-28.0266, -17.4076

255.0000, 0.0000,
0.0000

■ 144.0770,
-27.1530, -17.6075

■ 226.7950,
-29.4789, -18.2372

■ 117.6040,
-26.4268, -17.1927

■ 242.0660,
-23.6965, -6.1969

■ 92.7180, -25.9900,
-17.2927

■ 251.3520,
-13.9775, 3.1993

■ 67.8320, -25.5532,
-17.3927

■ 254.5440, -1.7472,
0.3999

■ 44.7440, -22.0588,
-18.1925

■ 24.6540, -12.1544,
-21.6216

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 170.8490,
-28.0266, -17.4076

■ 170.8490,
-28.0266, -17.4076

■ 165.6930,
-34.8516, -21.6558

■ 176.0050,
-21.2015, -13.1594

■ 160.5370,
-41.6767, -25.9039

■ 181.1610,
-14.3764, -8.9112

■ 155.2670,
-48.9386, -30.0522

■ 186.4310, -7.1145,
-4.7630

■ 150.1110,
-55.7637, -34.3003

■ 191.5870, -0.2894,
-0.5148

■ 144.9550,
-62.5888, -38.5485

■ 196.7430, 6.5357,
3.7334

■ 139.9130,
-68.9771, -42.8967

■ 202.1980, 13.2134,
8.5964

■ 207.3540, 20.0385,
12.8445

■ 211.1420, 21.6220,
18.2925

■ 214.1320, 20.1479,
24.4402

Harmonies

Analogous

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



175.7240, -38.3179, 16.9051



170.8490, -28.0266, -17.4076



162.9870, -7.3886, -56.9936

Triad

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



170.8490, -28.0266, -17.4076



154.8160, 48.8977, -97.1856



181.9140, -5.8736, 64.0964

Complementary

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



170.8490, -28.0266, -17.4076



135.1510, 28.0266, 17.4076

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.



184.7390, 12.9467, 47.5869



170.8490, -28.0266, -17.4076



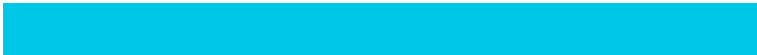
175.3940, 39.2458, -34.5485

Square

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



170.8490, -28.0266, -17.4076



142.9190, 42.4379, -125.3400



183.8730, 29.6426, 12.3894



181.0930, -24.2028, 63.0624

Rectangle

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



170.8490, -28.0266, -17.4076



152.7020, 11.4859, -90.9467



183.8730, 29.6426, 12.3894



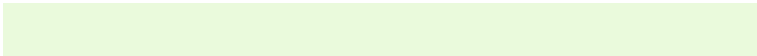
183.2110, 0.3890, 62.0820

Sweetspot

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



170.8490, -28.0266, -17.4076



241.7960, -10.7454, -6.8371



160.8020, -23.0734, 27.3606



120.2570, -6.5357, -3.7334



252.0000, 0.0000, 0.0000



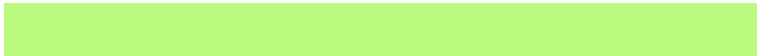
125.0000, 0.0000, 0.0000

Same Dimension

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



170.8490, -28.0266, -17.4076



216.8420, -44.2921, -27.0484



159.9000, -22.1357, -40.2543



94.3650, -3.6309, -2.0741



117.2310, -57.7949, -36.1596



24.1550, -11.9084, -7.1519

Inverse Universe

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



135.1510, 28.0266, 17.4076



160.4570, 44.1447, 27.6632



146.1000, 22.1357, 40.2543



89.6350, 3.6309, 2.0741



43.4700, 57.9423, 35.5448



8.8450, 11.9084, 7.1519

Previews

White Background



This preview shows how the YUV color 170.8490, -28.0266, -17.4076 looks on a white background.

Color Contrast Check

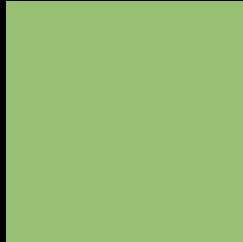
Large Text (above 18pt) WCAG AA × Fail

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 170.8490, -28.0266, -17.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

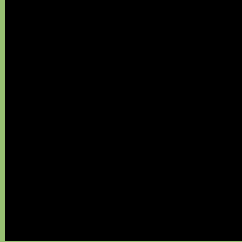
Any Text WCAG AA ✓ Pass

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 170.8490, -28.0266, -17.4076 Background



This preview shows how black text looks on a background with the YUV color 170.8490, -28.0266, -17.4076.



This preview shows how white text looks on a background with the YUV color 170.8490, -28.0266, -17.4076.

-17.4076.

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

170.8490, -28.0266, -17.4076

Protanopia

176.1030, -33.0818, 17.4497

Deuteranopia

178.2280, -29.1994, 32.2490



Tritanopia

178.0290, 9.3527, -13.1804

Trichromacy



Original Color

170.8490, -28.0266, -17.4076

Protanomaly

174.4820, -31.2966, 4.8393

Deuteranomaly

175.8190, -28.9978, 14.1907

Tritanomaly

175.7610, -4.3192, -14.6994

Monochromacy



Original Color

170.8490, -28.0266, -17.4076

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8490, -28.0266, -17.4076 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(151, 192, 114)` looks like.

```
.text, #text, p{  
    color:rgb(151, 192, 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(151, 192, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 192, 114) }
```

Border

The CSS property to change the border of an element to YUV 170.8490, -28.0266, -17.4076 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(151, 192, 114) }
```


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

```
.border{ border-color:rgb(151, 192, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 192, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 192, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 192, 114);  
box-shadow:4px 4px 4px 4px rgb(151, 192,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 170.8490, -28.0266, -17.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 192, 114) }
```

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

```
.background{ background-color: rgb(151,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor