

Converting Colors

YUV(170.8770, -17.1944,
-38.4801)

Have a look what the booklet for
YUV(170.8770, -17.1944, -38.4801)
contains.

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Color

**YUV(170.8770, -17.1944,
-38.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC888
RGB	127, 200, 136
RGB Percent	50%, 78%, 53%
CMY	0.5020, 0.2157, 0.4667
CMYK	0.36, 0.00, 0.32, 0.22
HSL	127°, 40%, 64%
HSV	127°, 36%, 78%
XYZ	33.8506, 47.5982, 30.6958
YIQ	170.8770, -22.9640, -35.3800

Conversions

Conversions Part 2

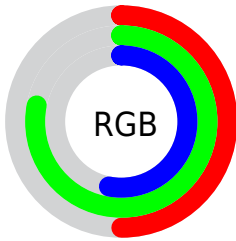
Format	Color
RYB	127, 192, 200
Decimal	8374408
CIELab	74.57, -35.98, 25.02
CIElCh	75, 43.819, 145.187
Yxy	47.5982, 0.3018, 0.4244
Android (android.graphics.Color)	4286564488 (0xFF7FC888)
YUV	170.8770, -17.1944, -38.4801
Hunter-Lab	68.9914, -33.1540, 21.9146

Details

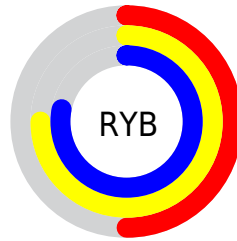
The YUV color **170.8770, -17.1944, -38.4801** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **156.1230, 17.1944, 38.4801**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7630, -17.6312, -38.3802**, and **117.6320, -15.5946, -38.2653** is the 20% darker color. If you saturate the color by 10%, you get **162.8450, -22.1086, -48.9761**, and if you desaturate by 10%, it is **178.9090, -12.2801, -27.9842**.

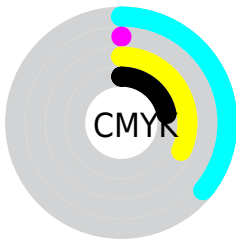
Distribution



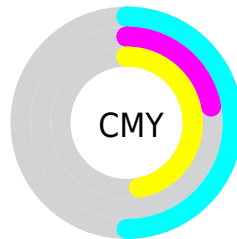
- Red (50%)
- Green (78%)
- Blue (53%)



- Red (50%)
- Yellow (75%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (50%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8770, -17.1944, -38.4801 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 170.8770, -17.1944, -38.4801 by changing the saturation by 10% instead.

■ 170.8770,
-17.1944, -38.4801

■ 170.8770,
-17.1944, -38.4801

255.0000, 0.0000,
0.0000

■ 143.4040,
-16.4682, -38.0653

■ 225.7630,
-17.6312, -38.3802

■ 117.6320,
-15.5946, -38.2653

■ 237.3270, -9.5282,
-23.9658

■ 90.9740, -14.2842,
-38.5652

■ 249.1900, -1.5727,
-8.9366

■ 64.1090, -12.3787,
-43.0686

■ 43.0280, -12.8318,
-37.7356

■ 27.5890, -13.6014,
-24.1956

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 170.8770,
-17.1944, -38.4801

■ 170.8770,
-17.1944, -38.4801

■ 162.8450,
-22.1086, -48.9761

■ 178.9090,
-12.2801, -27.9842

■ 154.9270,
-26.5860, -59.5720

■ 186.8270, -7.8027,
-17.3883

■ 146.8950,
-31.5002, -70.0679

■ 194.8590, -2.8885,
-6.8923

■ 138.9770,
-35.9777, -80.6638

■ 202.7770, 1.5889,
3.7036

■ 130.9450,
-40.8919, -91.1598

■ 210.8090, 6.5032,
14.1995

■ 123.0270,
-45.3693, -101.7557

■ 218.7270, 10.9806,
24.7954

■ 120.2500,
-46.9582, -105.4592

■ 222.7150, 15.9165,
28.3139

Harmonies

Analogous

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



176.8680, -33.4589, -1.6382



170.8770, -17.1944, -38.4801



159.4320, 7.6750, -81.9399

Triad

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



170.8770, -17.1944, -38.4801



172.6040, 40.6212, -55.7807



183.8570, -16.1985, 62.3924

Complementary

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



170.8770, -17.1944, -38.4801



156.1230, 17.1944, 38.4801

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.



187.3570, 2.2890, 59.3229



170.8770, -17.1944, -38.4801



185.0170, 34.5016, -6.1539

Square

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



170.8770, -17.1944, -38.4801



145.1990, 51.1739, -127.3395



188.8990, 20.2628, 34.2916



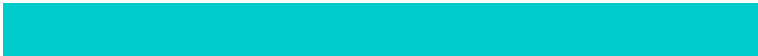
183.6760, -31.8853, 53.7811

Rectangle

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



170.8770, -17.1944, -38.4801



143.4770, 29.3448, -125.8293



188.8990, 20.2628, 34.2916



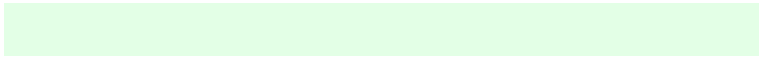
184.1650, -9.9413, 62.1223

Sweetspot

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



170.8770, -17.1944, -38.4801



243.7780, -6.7926, -14.7143



188.9870, -30.5596, 1.7654



121.2070, -4.0461, -8.9515



0.0000, 0.0000, 0.0000



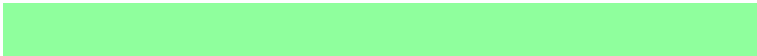
128.0000, 0.0000, 0.0000

Same Dimension

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



170.8770, -17.1944, -38.4801



210.3400, -26.2966, -59.0572



174.9810, -1.4696, -42.0793



95.3970, -2.1677, -4.7332



97.9610, -38.4348, -85.9118



21.5880, -8.6709, -18.9327

Inverse Universe

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



156.1230, 17.1944, 38.4801



187.6600, 26.2966, 59.0572



152.0190, 1.4696, 42.0793



93.6030, 2.1677, 4.7332



65.0390, 38.4348, 85.9118



14.2980, 8.2341, 19.0327

Previews

White Background



This preview shows how the YUV color 170.8770, -17.1944, -38.4801 looks on a white background.

Color Contrast Check

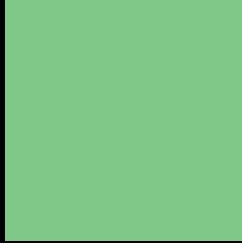
Large Text (above 18pt) WCAG AA × Fail

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 170.8770, -17.1944, -38.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

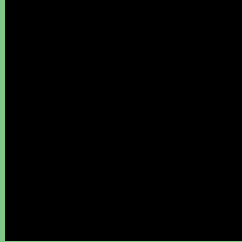
Any Text WCAG AA ✓ Pass

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 170.8770, -17.1944, -38.4801 Background



This preview shows how black text looks on a background with the YUV color 170.8770, -17.1944, -38.4801.



This preview shows how white text looks on a background with the YUV color 170.8770, -17.1944, -38.4801.

-38.4801.

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

170.8770, -17.1944, -38.4801

Protanopia

180.3290, -25.7982, 14.6205

Deuteranopia

182.7850, -20.6000, 27.3756



Tritanopia

177.7600, 13.9223, -32.2385

Trichromacy



Original Color

170.8770, -17.1944, -38.4801

Protanomaly

177.3050, -22.8284, -4.6525

Deuteranomaly

178.2720, -19.3611, 3.2695

Tritanomaly

175.1760, 2.8712, -34.3574

Monochromacy



Original Color

170.8770, -17.1944, -38.4801

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8770, -17.1944, -38.4801 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(127, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(127, 200, 136)  
}
```

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(127, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 200, 136) }
```

Border

The CSS property to change the border of an element to YUV 170.8770, -17.1944, -38.4801 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(127, 200, 136) }
```


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

```
.border{ border-color:rgb(127, 200, 136) }
```

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

Here you see how a box with a 4 pixel rgb(127, 200, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 200, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 200, 136);  
box-shadow:4px 4px 4px 4px rgb(127, 200,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 170.8770, -17.1944, -38.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 200, 136) }
```

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

```
.background{ background-color: rgb(127,  
200, 136) }
```

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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