

Converting Colors

YUV(170.4160, 5.2179,
-87.1878)

Have a look what the booklet for
YUV(170.4160, 5.2179, -87.1878)
contains.

YUV(170.4160, 5.2179, -87.1878)	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(170.4160, 5.2179,
-87.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	47DBB5
RGB	71, 219, 181
RGB Percent	28%, 86%, 71%
CMY	0.7216, 0.1412, 0.2902
CMYK	0.68, 0.00, 0.17, 0.14
HSL	165°, 67%, 57%
HSV	165°, 68%, 86%
XYZ	36.2705, 55.3388, 52.4859
YIQ	170.4160, -76.0100, -43.1940

Conversions

Conversions Part 2

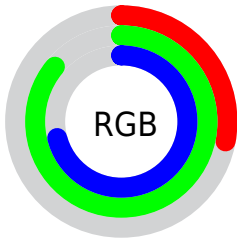
Format	Color
RYB	71, 156, 219
Decimal	4709301
CIELab	79.24, -47.83, 7.38
CIELCh	79, 48.399, 171.225
Yxy	55.3388, 0.2517, 0.3840
Android (android.graphics.Color)	4282899381 (0xFF47DBB5)
YUV	170.4160, 5.2179, -87.1878
Hunter-Lab	74.3901, -43.1510, 10.2410

Details

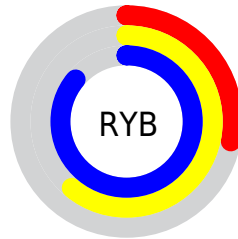
The YUV color **170.4160, 5.2179, -87.1878** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **119.5840, -5.2179, 87.1878**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3670, 9.6791, -71.3589**, and **110.2730, 8.7394, -96.7094** is the 20% darker color. If you saturate the color by 10%, you get **163.1540, 5.8401, -100.1131**, and if you desaturate by 10%, it is **177.6780, 4.5957, -74.2626**.

Distribution



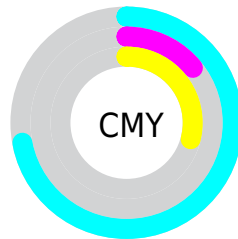
- Red (28%)
- Green (86%)
- Blue (71%)



- Red (28%)
- Yellow (61%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (72%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4160, 5.2179, -87.1878 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 170.4160, 5.2179, -87.1878 by changing the saturation by 10% instead.

■ 170.4160, 5.2179,
-87.1878

■ 170.4160, 5.2179,
-87.1878

255.0000, 0.0000,
0.0000

■ 137.1480, 8.3080,
-98.3538

■ 217.3670, 9.6791,
-71.3589

■ 110.2730, 8.7394,
-96.7094

■ 228.6880, 12.9718,
-54.1004

■ 91.5740, 5.6330,
-80.3104

■ 237.6580, 8.5496,
-35.6571

■ 73.5760, 2.6740,
-64.5262

■ 246.6280, 4.1274,
-17.2138

■ 56.2790, -0.1375,
-49.3567

■ 39.2100, -2.0755,
-34.3872

■ 23.9020, -4.8817,

-20.9621

■ 0.0000, 0.0000,
0.0000

■ 170.4160, 5.2179,
-87.1878

■ 170.4160, 5.2179,
-87.1878

■ 163.1540, 5.8401,
-100.1131

■ 177.6780, 4.5957,
-74.2626

■ 156.0060, 6.8990,
-113.1383

■ 184.8260, 3.5368,
-61.2374

■ 148.7440, 7.5212,
-126.0635

■ 192.0880, 2.9146,
-48.3122

■ 147.1350, 7.8214,
-129.0374

■ 199.2360, 1.8557,
-35.2870

■ 206.4980, 1.2335,
-22.3617

■ 213.4610, 0.7587,
-10.0513

■ 220.6090, -0.3002,
2.9739

■ 227.8710, -0.9224,
15.8991

■ 231.2460, 0.3717,
20.8323

Harmonies

Analogous

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



183.2100, -22.2885, -37.8952



170.4160, 5.2179, -87.1878



155.0180, 35.4871, -135.9508

Triad

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



170.4160, 5.2179, -87.1878



194.4200, 29.8659, -12.6463



192.3880, -31.7433, 54.9107

Complementary

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



170.4160, 5.2179, -87.1878



119.5840, -5.2179, 87.1878

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.



190.2630, -11.9617, 56.7743



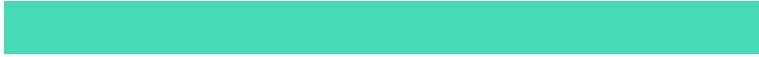
170.4160, 5.2179, -87.1878



202.1530, 25.0676, 33.1918

Square

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



170.4160, 5.2179, -87.1878



178.1090, 37.9073, -72.0096



194.8060, 7.9836, 52.7901



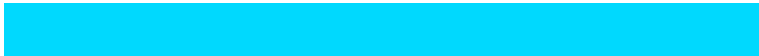
193.5910, -43.1824, 37.1927

Rectangle

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



170.4160, 5.2179, -87.1878



156.3350, 48.1488, -137.1058



194.8060, 7.9836, 52.7901



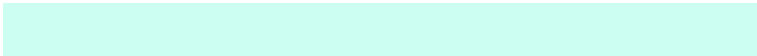
190.7070, -25.4916, 56.3850

Sweetspot

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



170.4160, 5.2179, -87.1878



238.2690, 1.8394, -30.0539



169.5370, -48.5787, -52.2139



117.8190, 1.0752, -18.2583



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.



170.4160, 5.2179, -87.1878



187.0650, 7.3630, -121.9600



154.2030, 31.9449, -72.9690



106.3690, 0.3111, -6.4626



116.2570, 6.2823, -101.9574



30.8780, 1.5391, -27.0800

Inverse Universe

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



119.5840, -5.2179, 87.1878



115.9350, -7.3630, 121.9600



135.7970, -31.9449, 72.9690



102.6310, -0.3111, 6.4626



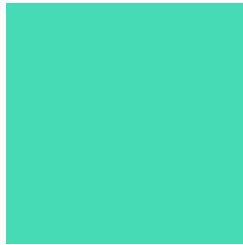
56.8570, -5.8455, 101.8574



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 170.4160, 5.2179, -87.1878 looks on a white background.

Color Contrast Check

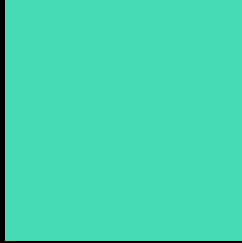
Large Text (above 18pt) WCAG AA × Fail

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 170.4160, 5.2179, -87.1878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

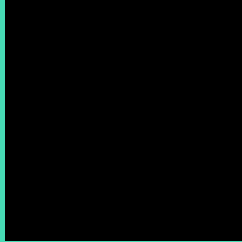
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

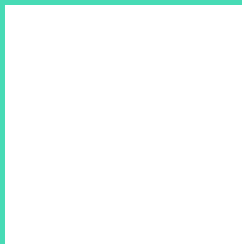
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.4160, 5.2179, -87.1878

Background



This preview shows how black text looks on a background with the YUV color 170.4160, 5.2179, -87.1878.



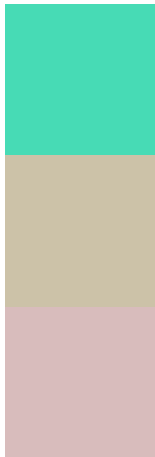
This preview shows how white text looks on a background with the YUV color 170.4160, 5.2179, -87.1878.

-87.1878.

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

170.4160, 5.2179, -87.1878

Protanopia

194.0260, -12.8308, 8.7472

Deuteranopia

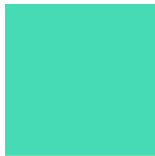
196.3720, -4.1274, 17.2138



Tritanopia

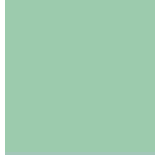
178.0580, 25.1144, -75.4729

Trichromacy



Original Color

170.4160, 5.2179, -87.1878



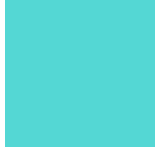
Protanomaly

185.5270, -6.1758, -25.8952



Deuteranomaly

186.6400, -0.8085, -20.7323



Tritanomaly

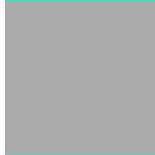
175.4890, 17.9999, -80.2359

Monochromacy



Original Color

170.4160, 5.2179, -87.1878



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.2580, 1.8448, -31.7983

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4160, 5.2179, -87.1878 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(71, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(71, 219, 181)  
}
```

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(71, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 219, 181) }
```

Border

The CSS property to change the border of an element to YUV 170.4160, 5.2179, -87.1878 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(71, 219, 181) }
```


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

```
.border{ border-color:rgb(71, 219, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 219, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 219, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 219, 181);  
box-shadow:4px 4px 4px 4px rgb(71, 219,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 170.4160, 5.2179, -87.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 219, 181) }
```

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

```
.background{ background-color: rgb(71, 219,  
181) }
```

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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