

Converting Colors

YUV(170.5200, -5.6794,
-45.1830)

Have a look what the booklet for
YUV(170.5200, -5.6794, -45.1830)
contains.

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Color

**YUV(170.5200, -5.6794,
-45.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	77C79F
RGB	119, 199, 159
RGB Percent	47%, 78%, 62%
CMY	0.5333, 0.2196, 0.3765
CMYK	0.40, 0.00, 0.20, 0.22
HSL	150°, 42%, 62%
HSV	150°, 40%, 78%
XYZ	34.2892, 47.2720, 40.1181
YIQ	170.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

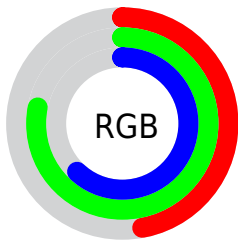
Format	Color
RYB	119, 172, 199
Decimal	7849887
CIELab	74.36, -33.56, 12.42
CIELCh	74, 35.782, 159.692
Yxy	47.2720, 0.2818, 0.3885
Android (android.graphics.Color)	4286039967 (0xFF77C79F)
YUV	170.5200, -5.6794, -45.1830
Hunter-Lab	68.7546, -31.2994, 13.5327

Details

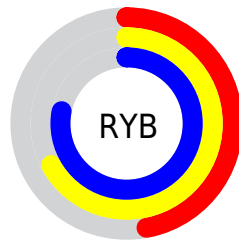
The YUV color **170.5200, -5.6794, -45.1830** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **147.4800, 5.6794, 45.1830**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1070, -5.9688, -45.6978**, and **116.8620, -4.3690, -45.4830** is the 20% darker color. If you saturate the color by 10%, you get **163.4000, -7.0992, -56.4788**, and if you desaturate by 10%, it is **177.6400, -4.2595, -33.8873**.

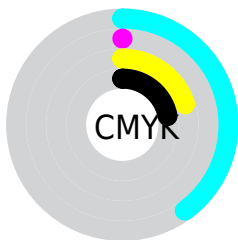
Distribution



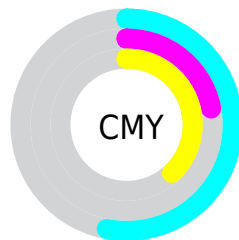
- Red (47%)
- Green (78%)
- Blue (62%)



- Red (47%)
- Yellow (67%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5200, -5.6794, -45.1830 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 170.5200, -5.6794, -45.1830 by changing the saturation by 10% instead.

■ 170.5200, -5.6794,
-45.1830

■ 170.5200, -5.6794,
-45.1830

255.0000, 0.0000,
0.0000

■ 143.0470, -4.9532,
-44.7682

■ 226.1070, -5.9688,
-45.6978

■ 116.8620, -4.3690,
-45.4830

■ 237.9700, 1.9868,
-30.6687

■ 90.0790, -3.4899,
-47.4273

■ 247.8240, 3.5378,
-14.7546

■ 61.4310, -0.7055,
-53.8750

■ 44.8350, -3.3697,
-39.3203

■ 29.0540, -5.4496,
-25.4804

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 170.5200, -5.6794,
-45.1830

■ 170.5200, -5.6794,
-45.1830

■ 163.4000, -7.0992,
-56.4788

■ 177.6400, -4.2595,
-33.8873

■ 156.2800, -8.5190,
-67.7746

■ 184.7600, -2.8397,
-22.5915

■ 149.1600, -9.9389,
-79.0703

■ 191.8800, -1.4198,
-11.2958

■ 142.0400,
-11.3587, -90.3661

■ 199.0000, 0.0000,
0.0000

■ 135.2190,
-12.9260, -101.0471

■ 206.1200, 1.4198,
11.2958

■ 128.2130,
-13.9090, -112.4428

■ 212.9410, 2.9871,
21.9767

■ 219.1640, 4.8491,
31.4282

■ 220.3040, 9.2171,
30.4284

■ 221.4440, 13.5851,
29.4286

Harmonies

Analogous

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



175.7660, -22.0696, -14.7038



170.5200, -5.6794, -45.1830



163.9090, 14.3419, -73.5882

Triad

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



170.5200, -5.6794, -45.1830



181.0380, 32.5193, -23.7123



184.8250, -21.1127, 51.8965

Complementary

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



170.5200, -5.6794, -45.1830



147.4800, 5.6794, 45.1830

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.



186.3210, -6.5673, 53.2155



170.5200, -5.6794, -45.1830



187.1520, 23.0961, 12.1447

Square

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



170.5200, -5.6794, -45.1830



171.0180, 35.9801, -60.5288



187.6580, 9.0426, 39.7649



182.4350, -29.7945, 36.4525

Rectangle

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



170.5200, -5.6794, -45.1830



161.2310, 26.0151, -84.3946



187.6580, 9.0426, 39.7649



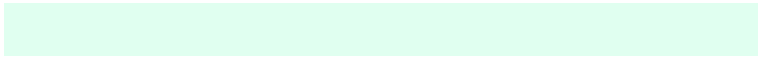
185.1010, -16.3188, 54.2854

Sweetspot

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



170.5200, -5.6794, -45.1830



244.0210, -1.9824, -17.5584



177.9200, -29.0476, -16.5928



121.5920, -1.2779, -10.1662



0.0000, 0.0000, 0.0000



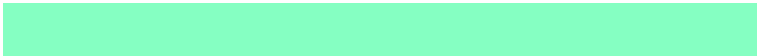
128.0000, 0.0000, 0.0000

Same Dimension

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



170.5200, -5.6794, -45.1830



211.5680, -8.6610, -68.9041



175.0800, 11.7926, -49.1822



95.7390, -0.8573, -5.0331



105.0290, -11.3533, -92.1104



23.1840, -2.5557, -20.3324

Inverse Universe

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



147.4800, 5.6794, 45.1830



176.4320, 8.6610, 68.9041



142.9200, -11.7926, 49.1822



93.1470, 0.4205, 5.1331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 170.5200, -5.6794, -45.1830 looks on a white background.

Color Contrast Check

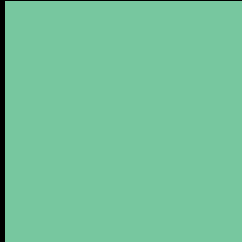
Large Text (above 18pt) WCAG AA × Fail

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 170.5200, -5.6794, -45.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

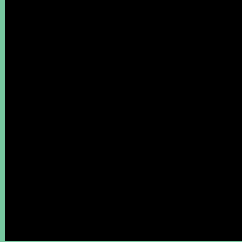
Any Text WCAG AA ✓ Pass

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 170.5200, -5.6794, -45.1830 Background



This preview shows how black text looks on a background with the YUV color 170.5200, -5.6794, -45.1830.



This preview shows how white text looks on a background with the YUV color 170.5200, -5.6794,

-45.1830.

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

170.5200, -5.6794, -45.1830

Protanopia

181.3420, -15.4516, 9.3471

Deuteranopia

183.0150, -9.3744, 20.1578



Tritanopia

175.2860, 16.1280, -39.7158

Trichromacy



Original Color

170.5200, -5.6794, -45.1830

Protanomaly

177.1330, -11.8976, -10.6406

Deuteranomaly

178.5020, -8.1355, -3.9483

Tritanomaly

173.7990, 7.9871, -41.9197

Monochromacy



Original Color

170.5200, -5.6794, -45.1830

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7330, -1.8404, -16.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5200, -5.6794, -45.1830 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(119, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(119, 199, 159)  
}
```

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(119, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 199, 159) }
```

Border

The CSS property to change the border of an element to YUV 170.5200, -5.6794, -45.1830 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(119, 199, 159) }
```


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

```
.border{ border-color:rgb(119, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(119, 199,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 170.5200, -5.6794, -45.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 199, 159) }
```

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

```
.background{ background-color: rgb(119,  
199, 159) }
```

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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