

Converting Colors

YUV(172.9990, -8.8735,
-47.3571)

Have a look what the booklet for
YUV(172.9990, -8.8735, -47.3571)
contains.

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Color

**YUV(172.9990, -8.8735,
-47.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	77CC9B
RGB	119, 204, 155
RGB Percent	47%, 80%, 61%
CMY	0.5333, 0.2000, 0.3922
CMYK	0.42, 0.00, 0.24, 0.20
HSL	145°, 45%, 63%
HSV	145°, 42%, 80%
XYZ	35.1170, 49.4742, 38.7090
YIQ	172.9990, -34.9310, -33.2590

Conversions

Conversions Part 2

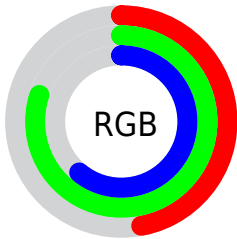
Format	Color
RYB	119, 179, 204
Decimal	7851163
CIELab	75.75, -36.67, 16.50
CIELCh	76, 40.214, 155.776
Yxy	49.4742, 0.2848, 0.4013
Android (android.graphics.Color)	4286041243 (0xFF77CC9B)
YUV	172.9990, -8.8735, -47.3571
Hunter-Lab	70.3379, -33.9732, 16.6076

Details

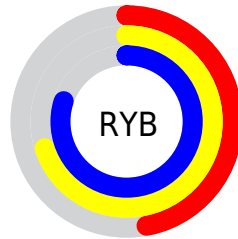
The YUV color **172.9990, -8.8735, -47.3571** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.0010, 8.8735, 47.3571**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9500, -7.8633, -44.6831**, and **118.4550, -7.1263, -47.7570** is the 20% darker color. If you saturate the color by 10%, you get **165.6510, -11.1669, -58.4529**, and if you desaturate by 10%, it is **180.3470, -6.5801, -36.2613**.

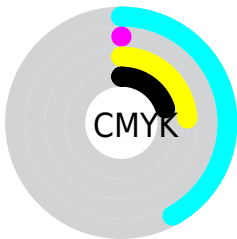
Distribution



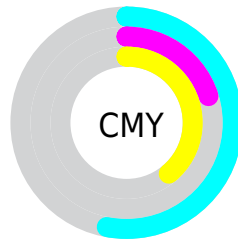
- Red (47%)
- Green (80%)
- Blue (61%)



- Red (47%)
- Yellow (70%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9990, -8.8735, -47.3571 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 172.9990, -8.8735, -47.3571 by changing the saturation by 10% instead.

■ 172.9990, -8.8735,
-47.3571

■ 172.9990, -8.8735,
-47.3571

255.0000, 0.0000,
0.0000

■ 145.5260, -8.1473,
-46.9423

■ 225.9500, -7.8633,
-44.6831

■ 118.4550, -7.1263,
-47.7570

■ 237.5140, 0.2396,
-30.2688

■ 91.6720, -6.2473,
-49.7013

■ 248.1230, 3.3904,
-14.1399

■ 63.9100, -3.8996,
-56.0491

■ 46.7270, -6.2744,
-40.9796

■ 30.8320, -8.7912,
-27.0397

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 172.9990, -8.8735,
-47.3571

■ 172.9990, -8.8735,
-47.3571

■ 165.6510,
-11.1669, -58.4529

■ 180.3470, -6.5801,
-36.2613

■ 158.0040,
-13.3130, -70.1635

■ 187.9940, -4.4340,
-24.5507

■ 150.7700,
-15.1696, -81.3593

■ 195.2280, -2.5774,
-13.3550

■ 143.1230,
-17.3156, -93.0699

■ 202.8750, -0.4314,
-1.6444

■ 135.7750,
-19.6091, -104.1657

■ 210.2230, 1.8621,
9.4514

■ 129.5520,
-21.4711, -113.6171

■ 217.5710, 4.1555,
20.5472

■ 223.0110, 6.8966,
28.0544

■ 224.3790, 12.1382,
26.8546

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



178.9250, -26.5850, -13.0892



172.9990, -8.8735, -47.3571



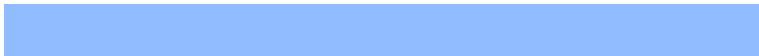
163.5440, 14.5218, -84.6691

Triad

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



172.9990, -8.8735, -47.3571



182.7810, 35.6040, -33.1339



188.4560, -21.4238, 58.3591

Complementary

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



172.9990, -8.8735, -47.3571



150.0010, 8.8735, 47.3571

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.



189.6250, -4.2521, 57.3339



172.9990, -8.8735, -47.3571



190.0960, 28.0537, 8.6858

Square

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



172.9990, -8.8735, -47.3571



169.2760, 41.2759, -79.1721



191.4070, 13.1103, 41.7391



186.3820, -32.7263, 43.5150

Rectangle

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



172.9990, -8.8735, -47.3571



155.0430, 31.0378, -108.7857



191.4070, 13.1103, 41.7391



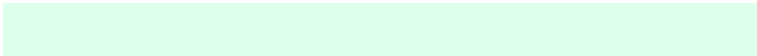
187.9490, -15.7509, 58.8037

Sweetspot

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



172.9990, -8.8735, -47.3571



242.9670, -3.4347, -18.3881



183.8450, -31.9686, -13.0191



120.3530, -2.1460, -11.7106



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.



172.9990, -8.8735, -47.3571



208.7050, -13.1656, -70.7783



177.7870, 9.4720, -51.5562



98.3260, -1.1467, -5.5479



105.4220, -17.4630, -92.4551



24.1300, -4.0081, -21.1620

Inverse Universe

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



150.0010, 8.8735, 47.3571



174.2950, 13.1656, 70.7783



145.2130, -9.4720, 51.5562



95.6740, 1.1467, 5.5479



60.5780, 17.4630, 92.4551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 172.9990, -8.8735, -47.3571 looks on a white background.

Color Contrast Check

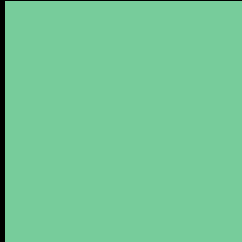
Large Text (above 18pt) WCAG AA × Fail

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 172.9990, -8.8735, -47.3571 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

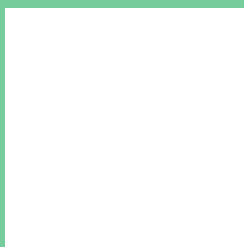
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.9990, -8.8735, -47.3571

Background



This preview shows how black text looks on a background with the YUV color 172.9990, -8.8735, -47.3571.



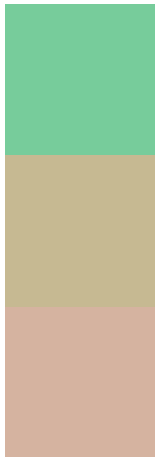
This preview shows how white text looks on a background with the YUV color 172.9990, -8.8735, -47.3571.

-47.3571.

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

172.9990, -8.8735, -47.3571

Protanopia

184.4410, -18.9514, 11.8912

Deuteranopia

187.0000, -13.3110, 22.8020



Tritanopia

178.6880, 16.4228, -40.9454

Trichromacy



Original Color

172.9990, -8.8735, -47.3571



Protanomaly

180.2210, -15.3920, -9.8408



Deuteranomaly

181.8890, -11.7773, -2.5337



Tritanomaly

176.5600, 7.1189, -43.4641

Monochromacy



Original Color

172.9990, -8.8735, -47.3571



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.6790, -3.2927, -17.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9990, -8.8735, -47.3571 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, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 204, 155)  
}
```

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, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 204, 155) }
```

Border

The CSS property to change the border of an element to YUV 172.9990, -8.8735, -47.3571 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, 204, 155) }
```


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

```
.border{ border-color:rgb(119, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 204, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 204, 155); box-shadow:4px 4px 4px 4px rgb(119, 204, 155) }
```

Background

The CSS property to change the background color of an element to YUV 172.9990, -8.8735, -47.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 204, 155) }
```

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

```
.background{ background-color: rgb(119,  
204, 155) }
```

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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