

Converting Colors

YUV(172.3310, -9.0372,
-41.5093)

Have a look what the booklet for
YUV(172.3310, -9.0372, -41.5093)
contains.

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Color

**YUV(172.3310, -9.0372,
-41.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC89A
RGB	125, 200, 154
RGB Percent	49%, 78%, 60%
CMY	0.5098, 0.2157, 0.3961
CMYK	0.37, 0.00, 0.23, 0.22
HSL	143°, 41%, 64%
HSV	143°, 38%, 78%
XYZ	34.9445, 48.0016, 37.9953
YIQ	172.3310, -29.9340, -30.2060

Conversions

Conversions Part 2

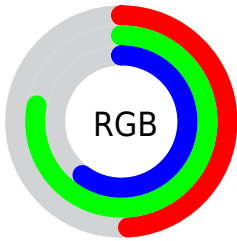
Format	Color
RYB	125, 179, 200
Decimal	8243354
CIELab	74.83, -33.30, 15.79
CIELCh	75, 36.853, 154.629
Yxy	48.0016, 0.2889, 0.3969
Android (android.graphics.Color)	4286433434 (0xFF7DC89A)
YUV	172.3310, -9.0372, -41.5093
Hunter-Lab	69.2832, -31.2153, 15.9833

Details

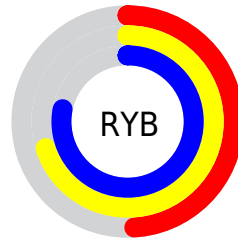
The YUV color **172.3310, -9.0372, -41.5093** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **152.6690, 9.0372, 41.5093**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2170, -9.4740, -41.4093**, and **118.9720, -7.8742, -41.1944** is the 20% darker color. If you saturate the color by 10%, you get **164.9830, -11.3306, -52.6051**, and if you desaturate by 10%, it is **179.6790, -6.7437, -30.4135**.

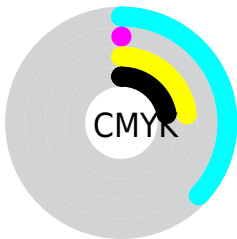
Distribution



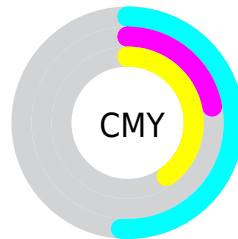
- Red (49%)
- Green (78%)
- Blue (60%)



- Red (49%)
- Yellow (70%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3310, -9.0372, -41.5093 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 172.3310, -9.0372, -41.5093 by changing the saturation by 10% instead.

■ 172.3310, -9.0372,
-41.5093

■ 172.3310, -9.0372,
-41.5093

255.0000, 0.0000,
0.0000

■ 144.8580, -8.3110,
-41.0945

■ 227.2170, -9.4740,
-41.4093

■ 118.9720, -7.8742,
-41.1944

■ 238.8950, -0.9342,
-27.0949

■ 92.3140, -6.5638,
-41.4944

■ 249.6180, 2.6533,
-11.0660

■ 65.1500, -4.5110,
-46.6126

■ 44.9660, -5.4062,
-39.4352

■ 28.9570, -8.3598,
-25.3953

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 172.3310, -9.0372,
-41.5093

■ 172.3310, -9.0372,
-41.5093

■ 164.9830,
-11.3306, -52.6051

■ 179.6790, -6.7437,
-30.4135

■ 157.5210,
-14.0609, -63.6009

■ 187.1410, -4.0135,
-19.4177

■ 150.1730,
-16.3543, -74.6967

■ 194.4890, -1.7201,
-8.3219

■ 142.8250,
-18.6477, -85.7925

■ 201.8370, 0.5734,
2.7740

■ 135.4770,
-20.9412, -96.8883

■ 209.1850, 2.8668,
13.8698

■ 128.0150,
-23.6714, -107.8842

■ 216.6470, 5.5970,
24.8656

■ 126.1780,
-24.2448, -110.6581

■ 221.0050, 9.3645,
29.8136

■ 222.3730, 14.6061,
28.6139

■ 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.



177.9900, -25.1381, -10.5152



172.3310, -9.0372, -41.5093



165.4100, 11.1369, -72.2736

Triad

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



172.3310, -9.0372, -41.5093



181.1510, 34.4356, -31.7044



186.0040, -19.2290, 54.3705

Complementary

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



172.3310, -9.0372, -41.5093



152.6690, 9.0372, 41.5093

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.



187.7170, -3.8045, 53.7452



172.3310, -9.0372, -41.5093



187.2160, 26.0225, 6.8266

Square

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



172.3310, -9.0372, -41.5093



169.6040, 37.1702, -68.9357



189.4450, 12.1056, 37.3207



184.1690, -29.6633, 41.0708

Rectangle

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



172.3310, -9.0372, -41.5093



161.1660, 24.5682, -86.9686



189.4450, 12.1056, 37.3207



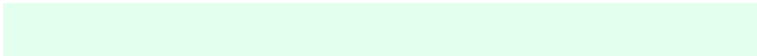
186.9810, -14.2876, 56.1447

Sweetspot

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



172.3310, -9.0372, -41.5093



244.6900, -3.2982, -15.5141



182.7790, -28.4850, -10.3302



121.6630, -2.2989, -9.3515



0.0000, 0.0000, 0.0000



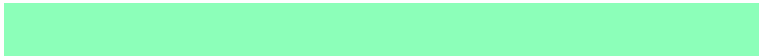
128.0000, 0.0000, 0.0000

Same Dimension

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



172.3310, -9.0372, -41.5093



212.6350, -13.6241, -63.7009



176.5490, 7.1243, -45.2085



95.6250, -1.2941, -4.9331



102.8630, -19.6525, -90.2109



22.7280, -4.3029, -19.9325

Inverse Universe

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



152.6690, 9.0372, 41.5093



182.4790, 14.0609, 63.6009



148.4510, -7.1243, 45.2085



93.3750, 1.2941, 4.9331



60.1370, 19.6525, 90.2109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 172.3310, -9.0372, -41.5093 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 172.3310, -9.0372, -41.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

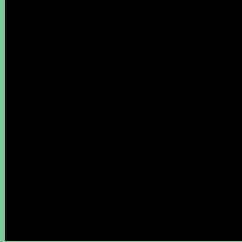
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.3310, -9.0372, -41.5093

Background



This preview shows how black text looks on a background with the YUV color 172.3310, -9.0372, -41.5093.



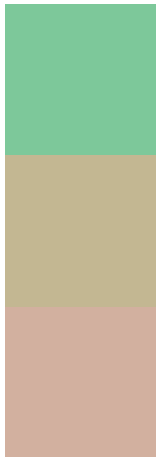
This preview shows how white text looks on a background with the YUV color 172.3310, -9.0372, -41.5093.

-41.5093.

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

172.3310, -9.0372, -41.5093

Protanopia

182.3700, -17.9304, 11.0765

Deuteranopia

184.2280, -12.4374, 22.6020



Tritanopia

177.9660, 14.8068, -35.9272

Trichromacy



Original Color

172.3310, -9.0372, -41.5093



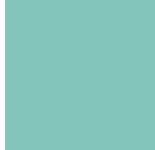
Protanomaly

178.7590, -14.6712, -7.6816



Deuteranomaly

180.0140, -11.3459, -0.8893



Tritanomaly

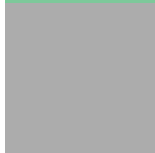
176.2510, 5.7923, -37.9311

Monochromacy



Original Color

172.3310, -9.0372, -41.5093



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9890, -3.4456, -14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3310, -9.0372, -41.5093 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(125, 200, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 200, 154)  
}
```

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(125, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 200, 154) }
```

Border

The CSS property to change the border of an element to YUV 172.3310, -9.0372, -41.5093 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(125, 200, 154) }
```


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

```
.border{ border-color:rgb(125, 200, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 200, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 200,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 172.3310, -9.0372, -41.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 200, 154) }
```

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

```
.background{ background-color: rgb(125,  
200, 154) }
```

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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