

Converting Colors

YUV(172.1320, -10.4181,
-18.5328)

Have a look what the booklet for
YUV(172.1320, -10.4181, -18.5328)
contains.

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Color

**YUV(172.1320, -10.4181,
-18.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	97BB97
RGB	151, 187, 151
RGB Percent	59%, 73%, 59%
CMY	0.4078, 0.2667, 0.4078
CMYK	0.19, 0.00, 0.19, 0.27
HSL	120°, 21%, 66%
HSV	120°, 19%, 73%
XYZ	36.1187, 44.3543, 35.9357
YIQ	172.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

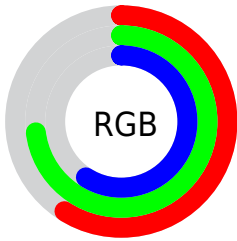
Format	Color
RYB	151, 187, 187
Decimal	9943959
CIELab	72.46, -19.15, 14.31
CIELCh	72, 23.909, 143.232
Yxy	44.3543, 0.3103, 0.3810
Android (android.graphics.Color)	4288134039 (0xFF97BB97)
YUV	172.1320, -10.4181, -18.5328
Hunter-Lab	66.5990, -19.7422, 14.6274

Details

The YUV color **172.1320, -10.4181, -18.5328** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.8680, 10.4181, 18.5328**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6050, -11.1443, -18.9476**, and **119.6590, -9.6919, -18.1179** is the 20% darker color. If you saturate the color by 10%, you get **164.2850, -15.9165, -28.3139**, and if you desaturate by 10%, it is **179.9790, -4.9196, -8.7516**.

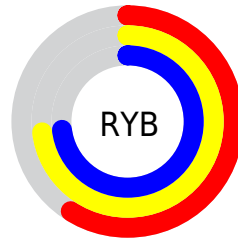
Distribution



Red (59%)

Green (73%)

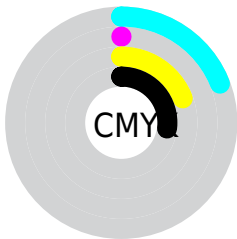
Blue (59%)



Red (59%)

Yellow (73%)

Blue (73%)

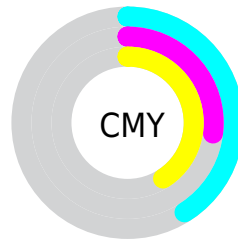


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (27%)



Cyan (41%)

Magenta (27%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1320, -10.4181, -18.5328 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 172.1320, -10.4181, -18.5328 by changing the saturation by 10% instead.

■ 172.1320,
-10.4181, -18.5328

■ 172.1320,
-10.4181, -18.5328

255.0000, 0.0000,
0.0000

■ 145.5450,
-10.1287, -18.0180

■ 227.6050,
-11.1443, -18.9476

■ 119.6590, -9.6919,
-18.1179

■ 246.2130, -6.5140,
-10.7108

■ 94.4850, -9.1131,
-17.0883

■ 70.5990, -8.6763,
-17.1883

■ 48.1260, -7.9501,
-16.7735

■ 25.4250, -8.0975,
-16.1587

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 172.1320,
-10.4181, -18.5328

■ 172.1320,
-10.4181, -18.5328

■ 164.2850,
-15.9165, -28.3139

■ 179.9790, -4.9196,
-8.7516

■ 156.8510,
-21.1255, -37.5803

■ 187.4130, 0.2894,
0.5148

■ 149.0040,
-26.6240, -47.3615

■ 195.2600, 5.7878,
10.2960

■ 141.1570,
-32.1224, -57.1427

■ 203.1070, 11.2862,
20.0772

■ 133.3100,
-37.6208, -66.9239

■ 210.9540, 16.7847,
29.8583

■ 125.8760,
-42.8299, -76.1903

■ 215.0840, 19.6786,
35.0063

■ 118.0290,
-48.3283, -85.9714

■ 110.1820,
-53.8267, -95.7526

■ 109.7690,
-54.1161, -96.2674

Harmonies

Analogous

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



175.0760, -18.7715, 0.8103



172.1320, -10.4181, -18.5328



169.4100, 1.2769, -36.3166

Triad

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



172.1320, -10.4181, -18.5328



174.7960, 22.7786, -26.1311



180.7120, -9.7180, 37.0866

Complementary

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



172.1320, -10.4181, -18.5328



165.8680, 10.4181, 18.5328

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.



181.2520, 1.3548, 32.2280



172.1320, -10.4181, -18.5328



179.3150, 19.0717, -3.7843

Square

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



172.1320, -10.4181, -18.5328



170.1160, 20.6488, -43.0747



181.3840, 11.1497, 17.2032



179.3170, -17.4113, 31.2940

Rectangle

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



172.1320, -10.4181, -18.5328



168.1300, 9.3029, -43.9640



181.3840, 11.1497, 17.2032



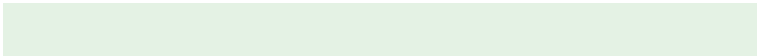
181.0370, -5.9342, 36.8016

Sweetspot

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



172.1320, -10.4181, -18.5328



236.2180, -4.0515, -7.2072



182.8960, -15.7247, 3.5992



118.6960, -2.3151, -4.1184



250.0000, 0.0000, 0.0000



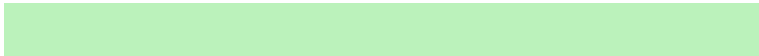
122.0000, 0.0000, 0.0000

Same Dimension

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



172.1320, -10.4181, -18.5328



219.2850, -15.9165, -28.3139



174.1840, -2.5557, -20.3324



90.2830, -2.6045, -4.6332



92.7460, -45.7238, -81.3382



18.1970, -8.9711, -15.9588

Inverse Universe

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



165.8680, 10.4181, 18.5328



209.7150, 15.9165, 28.3139



163.8160, 2.5557, 20.3324



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 172.1320, -10.4181, -18.5328 looks on a white background.

Color Contrast Check

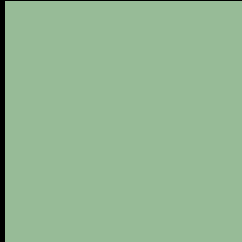
Large Text (above 18pt) WCAG AA × Fail

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 172.1320, -10.4181, -18.5328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

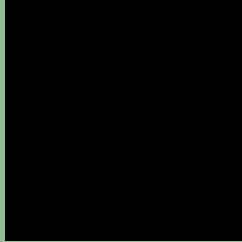
Any Text WCAG AA ✓ Pass

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 172.1320, -10.4181, -18.5328 Background



This preview shows how black text looks on a background with the YUV color 172.1320, -10.4181, -18.5328.



This preview shows how white text looks on a background with the YUV color 172.1320, -10.4181, -18.5328.

-18.5328.

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

172.1320, -10.4181, -18.5328

Protanopia

176.4560, -15.0148, 9.2471

Deuteranopia

178.6300, -12.1426, 21.3725



Tritanopia

176.0180, 9.3581, -14.9248

Trichromacy



Original Color

172.1320, -10.4181, -18.5328

Protanomaly

175.1450, -13.3825, -1.0042

Deuteranomaly

176.3570, -11.5150, 6.7029

Tritanomaly

174.4710, 2.2328, -16.1991

Monochromacy



Original Color

172.1320, -10.4181, -18.5328

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6310, -3.7621, -6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1320, -10.4181, -18.5328 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(151, 187, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 187, 151)  
}
```

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(151, 187, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 187, 151) }
```

Border

The CSS property to change the border of an element to YUV 172.1320, -10.4181, -18.5328 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(151, 187, 151) }
```


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

```
.border{ border-color:rgb(151, 187, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 187, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 187, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 187, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 187,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 172.1320, -10.4181, -18.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 187, 151) }
```

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

```
.background{ background-color: rgb(151,  
187, 151) }
```

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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