

Converting Colors

YUV(186.2720, -9.5011,
-32.6875)

Have a look what the booklet for
YUV(186.2720, -9.5011, -32.6875)
contains.

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Color

**YUV(186.2720, -9.5011,
-32.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	95D1A7
RGB	149, 209, 167
RGB Percent	58%, 82%, 65%
CMY	0.4157, 0.1804, 0.3451
CMYK	0.29, 0.00, 0.20, 0.18
HSL	138°, 39%, 70%
HSV	138°, 29%, 82%
XYZ	42.1699, 54.7805, 44.9103
YIQ	186.2720, -22.2780, -25.7820

Conversions

Conversions Part 2

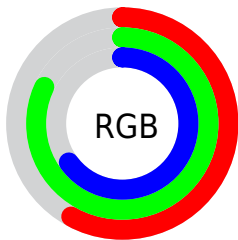
Format	Color
RYB	149, 195, 209
Decimal	9818535
CIELab	78.91, -27.76, 14.77
CIElCh	79, 31.448, 151.988
Yxy	54.7805, 0.2973, 0.3862
Android (android.graphics.Color)	4288008615 (0xFF95D1A7)
YUV	186.2720, -9.5011, -32.6875
Hunter-Lab	74.0139, -27.8226, 15.8336

Details

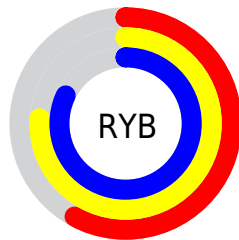
The YUV color **186.2720, -9.5011, -32.6875** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171.7280, 9.5011, 32.6875**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9890, -6.8966, -28.0544**, and **132.2120, -8.4855, -31.7579** is the 20% darker color. If you saturate the color by 10%, you get **178.2830, -12.9575, -44.0982**, and if you desaturate by 10%, it is **194.2610, -6.0447, -21.2769**.

Distribution



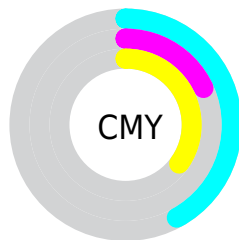
- Red (58%)
- Green (82%)
- Blue (65%)



- Red (58%)
- Yellow (76%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (42%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.2720, -9.5011, -32.6875 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 186.2720, -9.5011, -32.6875 by changing the saturation by 10% instead.


 186.2720, -9.5011,
-32.6875

 186.2720, -9.5011,
-32.6875

255.0000, 0.0000,
0.0000


 158.7990, -8.7749,
-32.2727


 235.9890, -6.8966,
-28.0544


 132.2120, -8.4855,
-31.7579

 247.9660, 1.4958,
-13.1252

 106.6250, -8.1961,
-31.2431

 81.8530, -7.3225,
-31.4431

 56.4830, -6.1541,
-32.8726

 34.9070, -5.8702,
-30.6134

 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 186.2720, -9.5011,
-32.6875

■ 186.2720, -9.5011,
-32.6875

■ 178.2830,
-12.9575, -44.0982

■ 194.2610, -6.0447,
-21.2769

■ 170.4080,
-15.9771, -55.6088

■ 202.1360, -3.0250,
-9.7663

■ 162.4190,
-19.4336, -67.0195

■ 210.1250, 0.4314,
1.6444

■ 154.4300,
-22.8900, -78.4301

■ 218.1140, 3.8878,
13.0550

■ 146.8540,
-26.0570, -89.3260

■ 225.9890, 6.9074,
24.5656

■ 138.8650,
-29.5134, -100.7366

■ 227.9980, 13.3120,
23.6808

■ 130.9900,
-32.5331, -112.2472

■ 129.8650,
-32.9644, -113.8916

Harmonies

Analogous

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



190.4080, -22.3861, -6.4968



186.2720, -9.5011, -32.6875



182.0700, 6.8675, -56.1894

Triad

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



186.2720, -9.5011, -32.6875



192.6200, 29.7673, -27.7307



197.8830, -15.7183, 48.3376

Complementary

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



186.2720, -9.5011, -32.6875



171.7280, 9.5011, 32.6875

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.



199.6020, -2.7618, 45.9530



186.2720, -9.5011, -32.6875



198.0970, 23.1232, 3.4229

Square

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



186.2720, -9.5011, -32.6875



185.4440, 29.8541, -55.6404



200.1730, 11.2537, 30.5433



195.9990, -25.1425, 37.7119

Rectangle

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



186.2720, -9.5011, -32.6875



180.1750, 17.6617, -65.0515



200.1730, 11.2537, 30.5433



198.6210, -11.6452, 48.5674

Sweetspot

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



186.2720, -9.5011, -32.6875



246.2990, -3.5984, -12.5402



196.7780, -23.5546, -5.0673



122.3750, -2.1569, -8.2219



0.0000, 0.0000, 0.0000



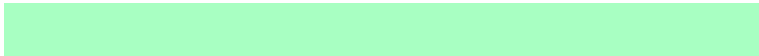
128.0000, 0.0000, 0.0000

Same Dimension

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



186.2720, -9.5011, -32.6875



222.0330, -13.8203, -47.3869



189.6920, 3.6028, -35.6869



100.7990, -1.8729, -5.9627



104.3160, -26.7778, -91.4851



25.4350, -6.6235, -22.3065

Inverse Universe

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



171.7280, 9.5011, 32.6875



200.9670, 13.8203, 47.3869



168.3080, -3.6028, 35.6869



98.0870, 1.4361, 6.0627



63.6840, 26.7778, 91.4851



15.5650, 6.6235, 22.3065

Previews

White Background



This preview shows how the YUV color 186.2720, -9.5011, -32.6875 looks on a white background.

Color Contrast Check

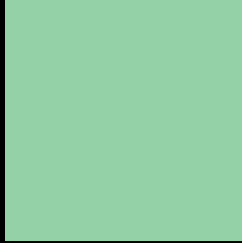
Large Text (above 18pt) WCAG AA × Fail

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 186.2720, -9.5011, -32.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

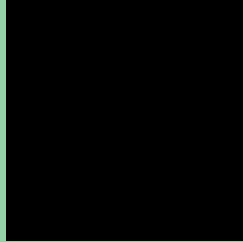
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2720, -9.5011, -32.6875

Background



This preview shows how black text looks on a background with the YUV color 186.2720, -9.5011, -32.6875.



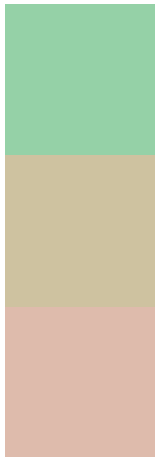
This preview shows how white text looks on a background with the YUV color 186.2720, -9.5011, -32.6875.

-32.6875.

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

186.2720, -9.5011, -32.6875

Protanopia

193.7120, -16.6200, 10.7766

Deuteranopia

195.7550, -11.7112, 23.0169



Tritanopia

190.9670, 13.3273, -28.0351

Trichromacy



Original Color

186.2720, -9.5011, -32.6875

Protanomaly

190.7100, -13.6610, -5.0077

Deuteranomaly

192.1500, -10.9199, 2.4995

Tritanomaly

189.3660, 4.7496, -30.1390

Monochromacy



Original Color

186.2720, -9.5011, -32.6875

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0110, -3.4564, -11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2720, -9.5011, -32.6875 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(149, 209, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 209, 167)  
}
```

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(149, 209, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 209, 167) }
```

Border

The CSS property to change the border of an element to YUV 186.2720, -9.5011, -32.6875 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(149, 209, 167) }
```


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

```
.border{ border-color:rgb(149, 209, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 209, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 209, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 209, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 209,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 186.2720, -9.5011, -32.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 209, 167) }
```

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

```
.background{ background-color: rgb(149,  
209, 167) }
```

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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