

Converting Colors

YUV(182.2490, -4.5598,
-30.9134)

Have a look what the booklet for
YUV(182.2490, -4.5598, -30.9134)
contains.

YUV(182.2490, -4.5598, -30.9134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(182.2490, -4.5598,
-30.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	93CAAD
RGB	147, 202, 173
RGB Percent	58%, 79%, 68%
CMY	0.4235, 0.2078, 0.3216
CMYK	0.27, 0.00, 0.14, 0.21
HSL	148°, 34%, 68%
HSV	148°, 27%, 79%
XYZ	40.6960, 51.4612, 47.3233
YIQ	182.2490, -23.4710, -20.6790

Conversions

Conversions Part 2

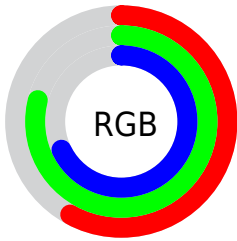
Format	Color
RYB	147, 184, 202
Decimal	9685677
CIELab	76.96, -23.82, 8.78
CIELCh	77, 25.389, 159.779
Yxy	51.4612, 0.2918, 0.3689
Android (android.graphics.Color)	4287875757 (0xFF93CAAD)
YUV	182.2490, -4.5598, -30.9134
Hunter-Lab	71.7365, -24.2761, 11.1030

Details

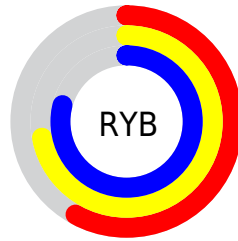
The YUV color **182.2490, -4.5598, -30.9134** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **166.7510, 4.5598, 30.9134**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0750, -3.9810, -29.8838**, and **129.0750, -3.9810, -29.8838** is the 20% darker color. If you saturate the color by 10%, you get **175.0150, -6.4164, -42.1092**, and if you desaturate by 10%, it is **189.4830, -2.7031, -19.7176**.

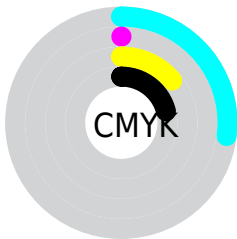
Distribution



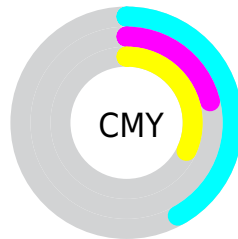
- Red (58%)
- Green (79%)
- Blue (68%)



- Red (58%)
- Yellow (72%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)




- Cyan (42%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.2490, -4.5598, -30.9134 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 182.2490, -4.5598, -30.9134 by changing the saturation by 10% instead.

 182.2490, -4.5598,
-30.9134

 182.2490, -4.5598,
-30.9134


255.0000, 0.0000,
0.0000


 154.9610, -4.4178,
-29.7838


 236.0750, -3.9810,
-29.8838


 129.0750, -3.9810,
-29.8838

 247.5250, 3.6852,
-15.3694

 103.4880, -3.6916,
-29.3690

 78.6020, -3.2548,
-29.4690

 54.2320, -2.0864,
-30.8985

 32.6560, -1.8024,
-28.6393

 17.9520, -7.3713,

-15.7439

■ 0.0000, 0.0000,
0.0000

■ 182.2490, -4.5598,
-30.9134

■ 182.2490, -4.5598,
-30.9134

■ 175.0150, -6.4164,
-42.1092

■ 189.4830, -2.7031,
-19.7176

■ 167.8950, -7.8362,
-53.4049

■ 196.6030, -1.2833,
-8.4218

■ 160.3620, -9.5455,
-65.2155

■ 204.1360, 0.4260,
3.3887

■ 153.1280,
-11.4021, -76.4113

■ 211.3700, 2.2826,
14.5845

■ 146.0080,
-12.8219, -87.7070

■ 218.4900, 3.7024,
25.8803

■ 138.7740,
-14.6786, -98.9028

■ 221.8370, 7.4754,
29.0840

■ 131.5400,
-16.5352, -110.0986

■ 223.0910, 12.2801,
27.9842

■ 129.4040,
-16.9612, -113.4873

■ 223.8890, 15.3377,
27.2843

Harmonies

Analogous

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



185.3950, -15.9707, -10.8704



182.2490, -4.5598, -30.9134



179.5920, 8.5821, -46.1232

Triad

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



182.2490, -4.5598, -30.9134



189.2750, 23.0354, -15.1502



191.9310, -15.2490, 37.7715

Complementary

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



182.2490, -4.5598, -30.9134



166.7510, 4.5598, 30.9134

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.



193.5750, -5.2135, 38.9607



182.2490, -4.5598, -30.9134



192.7080, 16.4130, 9.0261

Square

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



182.2490, -4.5598, -30.9134



184.6590, 23.8321, -37.4119



194.1960, 6.3124, 28.7691



190.4430, -21.9104, 27.6755

Rectangle

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



182.2490, -4.5598, -30.9134



179.8070, 15.8711, -50.6967



194.1960, 6.3124, 28.7691



193.0390, -12.3442, 39.4308

Sweetspot

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



182.2490, -4.5598, -30.9134



247.7660, -1.8566, -11.1958



187.9560, -20.1913, -10.4854



123.3150, -1.1413, -7.2923



0.0000, 0.0000, 0.0000



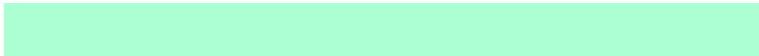
128.0000, 0.0000, 0.0000

Same Dimension

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



182.2490, -4.5598, -30.9134



224.8680, -6.8369, -47.2422



185.3270, 7.2338, -33.6128



98.4400, -0.7099, -5.6479



106.3340, -13.9687, -93.2549



24.3580, -3.1345, -21.3620

Inverse Universe

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



166.7510, 4.5598, 30.9134



201.1320, 6.8369, 47.2422



163.6730, -7.2338, 33.6128



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 182.2490, -4.5598, -30.9134 looks on a white background.

Color Contrast Check

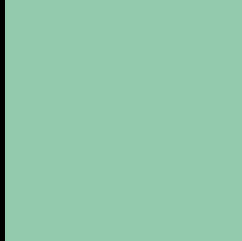
Large Text (above 18pt) WCAG AA × Fail

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 182.2490, -4.5598, -30.9134 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

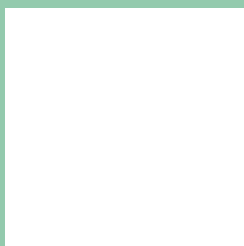
Any Text WCAG AAA ✓ Pass

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

YUV 182.2490, -4.5598, -30.9134 Background



This preview shows how black text looks on a background with the YUV color 182.2490, -4.5598, -30.9134.



This preview shows how white text looks on a background with the YUV color 182.2490, -4.5598, -30.9134.

-30.9134.

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

182.2490, -4.5598, -30.9134

Protanopia

189.0690, -11.3730, 7.8325

Deuteranopia

190.9870, -6.8956, 18.4284



Tritanopia

185.5650, 13.0325, -26.8055

Trichromacy



Original Color

182.2490, -4.5598, -30.9134

Protanomaly

186.6650, -8.7088, -6.7222

Deuteranomaly

187.8060, -5.8204, 0.1701

Tritanomaly

184.2460, 6.7807, -28.2797

Monochromacy



Original Color

182.2490, -4.5598, -30.9134

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.2490, -4.5598, -30.9134 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(147, 202, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 202, 173)  
}
```

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(147, 202, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 202, 173) }
```

Border

The CSS property to change the border of an element to YUV 182.2490, -4.5598, -30.9134 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(147, 202, 173) }
```


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

```
.border{ border-color:rgb(147, 202, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 202, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 202, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 202, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 202,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 182.2490, -4.5598, -30.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 202, 173) }
```

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

```
.background{ background-color: rgb(147,  
202, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor