

Converting Colors

YUV(198.8620, -14.2290,
-9.5260)

Have a look what the booklet for
YUV(198.8620, -14.2290, -9.5260)
contains.

YUV(198.8620, -14.2290, -9.5260)	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(198.8620, -14.2290,
-9.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD2AA
RGB	188, 210, 170
RGB Percent	74%, 82%, 67%
CMY	0.2627, 0.1765, 0.3333
CMYK	0.10, 0.00, 0.19, 0.18
HSL	93°, 31%, 75%
HSV	93°, 19%, 82%
XYZ	51.0413, 59.6868, 46.8608
YIQ	198.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

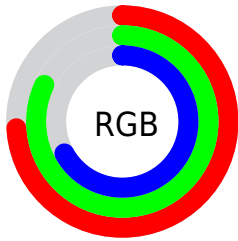
Format	Color
RYB	170, 210, 192
Decimal	12374698
CIELab	81.67, -14.57, 17.39
CIELCh	82, 22.689, 129.957
Yxy	59.6868, 0.3239, 0.3788
Android (android.graphics.Color)	4290564778 (0xFFBCD2AA)
YUV	198.8620, -14.2290, -9.5260
Hunter-Lab	77.2573, -17.2711, 18.1174

Details

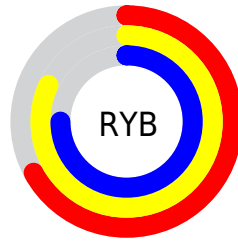
The YUV color **198.8620, -14.2290, -9.5260** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181.1380, 14.2290, 9.5260**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.2910, -11.4825, -3.7632**, and **144.5030, -13.0660, -9.2111** is the 20% darker color. If you saturate the color by 10%, you get **192.8800, -21.6328, -14.8038**, and if you desaturate by 10%, it is **204.8440, -6.8251, -4.2482**.

Distribution



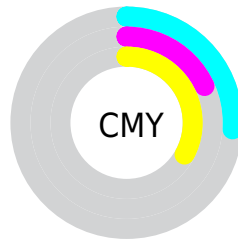
- Red (74%)
- Green (82%)
- Blue (67%)



- Red (67%)
- Yellow (82%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8620, -14.2290, -9.5260 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 198.8620, -14.2290, -9.5260 by changing the saturation by 10% instead.

■ 198.8620,
-14.2290, -9.5260

■ 198.8620,
-14.2290, -9.5260

255.0000, 0.0000,
0.0000

■ 171.2750,
-13.9396, -9.0112

■ 248.2910,
-11.4825, -3.7632

■ 144.5030,
-13.0660, -9.2111

254.8860, -0.4368,
0.1000

■ 118.9160,
-12.7766, -8.6963

■ 94.0300, -12.3398,
-8.7963

■ 70.5570, -11.6136,
-8.3815

■ 47.6710, -11.1768,
-8.4815

■ 26.2260, -12.9294,

-6.3372

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 198.8620,
-14.2290, -9.5260

■ 198.8620,
-14.2290, -9.5260

■ 192.8800,
-21.6328, -14.8038

■ 204.8440, -6.8251,
-4.2482

■ 187.1970,
-29.1841, -19.4668

■ 210.5270, 0.7262,
0.4148

■ 181.2150,
-36.5880, -24.7446

■ 216.5090, 8.1301,
5.6926

■ 175.5320,
-44.1393, -29.4076

■ 222.1920, 15.6813,
10.3556

■ 169.5500,
-51.5431, -34.6853

■ 225.8940, 14.3493,
17.6330

■ 163.8670,
-59.0944, -39.3484

■ 228.5850, 13.0226,
23.1660

■ 157.8850,
-66.4983, -44.6261

■ 152.2020,
-74.0496, -49.2892

■ 151.6750,
-74.7758, -49.7040

Harmonies

Analogous

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



201.4900, -19.9616, 9.2173



198.8620, -14.2290, -9.5260



196.3850, -4.1338, -27.5246

Triad

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



198.8620, -14.2290, -9.5260



198.4100, 21.4899, -32.8086



206.5530, -5.2026, 35.4720

Complementary

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



198.8620, -14.2290, -9.5260



181.1380, 14.2290, 9.5260

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.



207.2450, 5.3022, 26.0951



198.8620, -14.2290, -9.5260



202.7160, 20.8460, -12.9059

Square

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



198.8620, -14.2290, -9.5260



195.3780, 16.5756, -43.3045



205.9530, 14.8132, 8.8112



205.5500, -14.0751, 34.5977

Rectangle

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



198.8620, -14.2290, -9.5260



194.6810, 3.6083, -37.4312



205.9530, 14.8132, 8.8112



206.8670, -1.4134, 33.4426

Sweetspot

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



198.8620, -14.2290, -9.5260



250.8980, -5.3727, -3.4185



194.2870, -11.9735, 13.7803



125.4790, -3.1941, -2.1741



0.0000, 0.0000, 0.0000



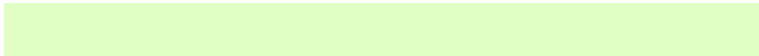
128.0000, 0.0000, 0.0000

Same Dimension

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



198.8620, -14.2290, -9.5260



238.7060, -21.0541, -13.7742



193.5940, -11.1388, -20.6919



101.9520, -3.9203, -2.5889



121.3400, -59.8206, -39.7632



29.4490, -14.5184, -10.0408

Inverse Universe

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



181.1380, 14.2290, 9.5260



212.5930, 20.9067, 14.3889



186.4060, 11.1388, 20.6919



97.0480, 3.9203, 2.5889



46.9590, 59.6732, 40.3780



11.2520, 14.6658, 9.4260

Previews

White Background



This preview shows how the YUV color 198.8620, -14.2290, -9.5260 looks on a white background.

Color Contrast Check

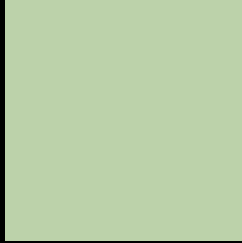
Large Text (above 18pt) WCAG AA × Fail

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 198.8620, -14.2290, -9.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

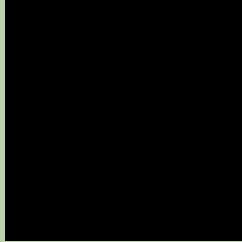
Any Text WCAG AA ✓ Pass

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 198.8620, -14.2290, -9.5260 Background



This preview shows how black text looks on a background with the YUV color 198.8620, -14.2290, -9.5260.



This preview shows how white text looks on a background with the YUV color 198.8620, -14.2290, -9.5260.

-9.5260.

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**

198.8620, -14.2290, -9.5260

Protanopia

201.4840, -17.4936, 10.9765

Deuteranopia

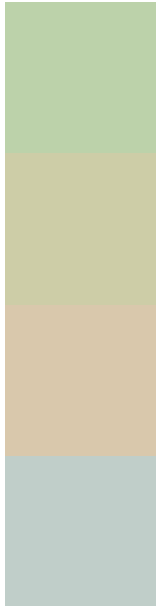
203.8540, -15.2110, 25.5610



Tritanopia

202.4320, 8.1680, -6.5179

Trichromacy



Original Color

198.8620, -14.2290, -9.5260

Protanomaly

200.6680, -16.5983, 3.7992

Deuteranomaly

201.8910, -14.7363, 13.2506

Tritanomaly

201.2440, -0.1203, -8.1070

Monochromacy



Original Color

198.8620, -14.2290, -9.5260

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8980, -5.3727, -3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8620, -14.2290, -9.5260 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(188, 210, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 170)  
}
```

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(188, 210, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 170) }
```

Border

The CSS property to change the border of an element to YUV 198.8620, -14.2290, -9.5260 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(188, 210, 170) }
```


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

```
.border{ border-color:rgb(188, 210, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 210, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 198.8620, -14.2290, -9.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 170) }
```

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

```
.background{ background-color: rgb(188,  
210, 170) }
```

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