

Converting Colors

YUV(208.7820, -19.6125,
-9.4558)

Have a look what the booklet for
YUV(208.7820, -19.6125, -9.4558)
contains.

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Color

**YUV(208.7820, -19.6125,
-9.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DEA9
RGB	198, 222, 169
RGB Percent	78%, 87%, 66%
CMY	0.2235, 0.1294, 0.3373
CMYK	0.11, 0.00, 0.24, 0.13
HSL	87°, 45%, 77%
HSV	87°, 24%, 87%
XYZ	56.5714, 67.1129, 47.5086
YIQ	208.7820, 2.7090, -21.5710

Conversions

Conversions Part 2

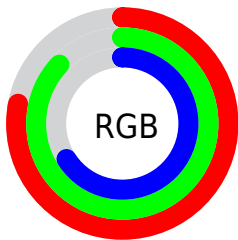
Format	Color
RYB	169, 222, 193
Decimal	13033129
CIELab	85.56, -17.18, 23.41
CIElCh	86, 29.036, 126.265
Yxy	67.1129, 0.3305, 0.3920
Android (android.graphics.Color)	4291223209 (0xFFC6DEA9)
YUV	208.7820, -19.6125, -9.4558
Hunter-Lab	81.9225, -20.1014, 22.9622

Details

The YUV color **208.7820, -19.6125, -9.4558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182.2180, 19.6125, 9.4558**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, -13.5407, 3.0993**, and **154.4230, -18.4495, -9.1410** is the 20% darker color. If you saturate the color by 10%, you get **203.2840, -27.7480, -13.4041**, and if you desaturate by 10%, it is **214.2800, -11.4770, -5.5076**.

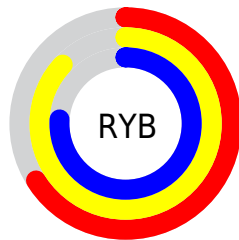
Distribution



Red (78%)

Green (87%)

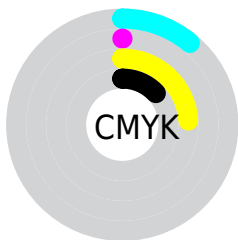
Blue (66%)



Red (66%)

Yellow (87%)

Blue (76%)

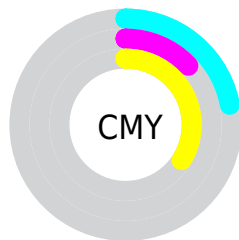


Cyan (11%)

Magenta (0%)

Yellow (24%)

Black (13%)



Cyan (22%)


Magenta (13%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7820, -19.6125, -9.4558 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 208.7820, -19.6125, -9.4558 by changing the saturation by 10% instead.


 208.7820,
-19.6125, -9.4558

 208.7820,
-19.6125, -9.4558


255.0000, 0.0000,
0.0000

 180.8960,
-19.1757, -9.5558


 251.4660,
-13.5407, 3.0993


 154.4230,
-18.4495, -9.1410

254.7720, -0.8736,
0.2000

 127.9500,
-17.7233, -8.7261

 103.0640,
-17.2866, -8.8261

 78.2920, -16.4130,
-9.0261

 55.4060, -15.9762,
-9.1261

 33.0040, -16.2710,

-7.8965

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 208.7820,
-19.6125, -9.4558

■ 208.7820,
-19.6125, -9.4558

■ 203.2840,
-27.7480, -13.4041

■ 214.2800,
-11.4770, -5.5076

■ 197.7860,
-35.8835, -17.3523

■ 219.7780, -3.3416,
-1.5593

■ 192.1740,
-44.4558, -21.2006

■ 225.3900, 5.2307,
2.2890

■ 186.6760,
-52.5913, -25.1489

■ 230.5460, 12.0558,
6.5372

■ 181.1780,
-60.7268, -29.0971

■ 233.5360, 10.5818,
12.6849

■ 175.6800,
-68.8622, -33.0454

■ 235.6290, 9.5499,
16.9884

■ 170.1820,
-76.9977, -36.9936

■ 166.4930,
-82.0810, -39.8974

Harmonies

Analogous

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



211.9160, -26.0876, 14.1057



208.7820, -19.6125, -9.4558



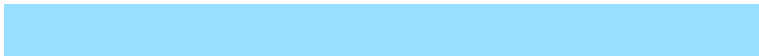
204.9560, -6.8803, -33.2874

Triad

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



208.7820, -19.6125, -9.4558



205.7180, 24.2960, -46.2337



213.9490, -2.4399, 36.0017

Complementary

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



208.7820, -19.6125, -9.4558



182.2180, 19.6125, 9.4558

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.



218.6030, 9.0697, 31.0432



208.7820, -19.6125, -9.4558



210.9000, 21.7413, -20.0833

Square

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



208.7820, -19.6125, -9.4558



201.8320, 21.2818, -59.4887



216.9790, 18.7444, 7.9114



212.7460, -14.6648, 37.0568

Rectangle

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



208.7820, -19.6125, -9.4558



202.8000, 3.0566, -47.1826



216.9790, 18.7444, 7.9114



214.9750, 1.4913, 35.1019

Sweetspot

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



208.7820, -19.6125, -9.4558



250.5560, -6.6831, -3.1186



198.9350, -14.7580, 20.2280



125.2510, -4.0677, -1.9741



0.0000, 0.0000, 0.0000



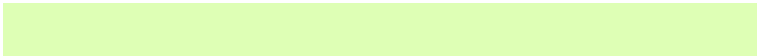
128.0000, 0.0000, 0.0000

Same Dimension

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



208.7820, -19.6125, -9.4558



236.6970, -27.4586, -12.8893



201.0080, -15.7799, -25.4400



109.2510, -4.0677, -1.9741



132.0160, -65.0839, -31.5860



36.2490, -17.8708, -8.1114

Inverse Universe

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



182.2180, 19.6125, 9.4558



199.6020, 27.3112, 13.5040



189.9920, 15.7799, 25.4400



103.7490, 4.0677, 1.9741



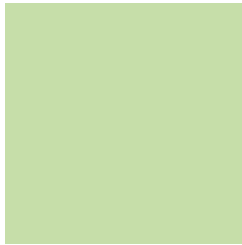
43.9840, 65.0839, 31.5860



12.0500, 17.7233, 8.7261

Previews

White Background



This preview shows how the YUV color 208.7820, -19.6125, -9.4558 looks on a white background.

Color Contrast Check

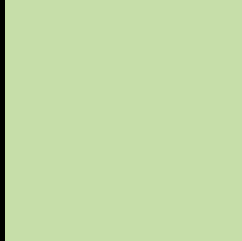
Large Text (above 18pt) WCAG AA × Fail

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 208.7820, -19.6125, -9.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

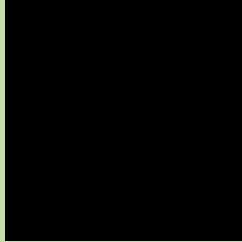
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7820, -19.6125, -9.4558

Background



This preview shows how black text looks on a background with the YUV color 208.7820, -19.6125, -9.4558.



This preview shows how white text looks on a background with the YUV color 208.7820, -19.6125, -9.4558.

-9.4558.

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

208.7820, -19.6125, -9.4558

Protanopia

212.0130, -23.1774, 14.0206

Deuteranopia

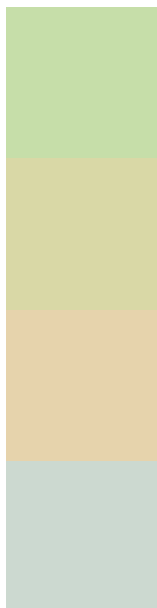
214.2090, -20.3160, 29.6347



Tritanopia

213.8450, 8.4574, -6.0031

Trichromacy



Original Color

208.7820, -19.6125, -9.4558

Protanomaly

210.5990, -21.9873, 5.6137

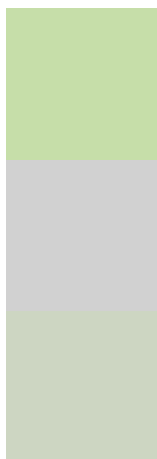
Deuteranomaly

212.2350, -19.8359, 15.5799

Tritanomaly

212.0870, -2.0149, -7.0923

Monochromacy



Original Color

208.7820, -19.6125, -9.4558

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7820, -19.6125, -9.4558 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(198, 222, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 169)  
}
```

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(198, 222, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 169) }
```

Border

The CSS property to change the border of an element to YUV 208.7820, -19.6125, -9.4558 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(198, 222, 169) }
```


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

```
.border{ border-color:rgb(198, 222, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 222, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 222, 169); box-shadow:4px 4px 4px 4px rgb(198, 222, 169) }
```

Background

The CSS property to change the background color of an element to YUV 208.7820, -19.6125, -9.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 169) }
```

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

```
.background{ background-color: rgb(198,  
222, 169) }
```

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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