

Converting Colors

YUV(208.8300, -19.1432,
-20.0219)

Have a look what the booklet for
YUV(208.8300, -19.1432, -20.0219)
contains.

YUV(208.8300, -19.1432, -20.0219)	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(208.8300, -19.1432,
-20.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE4AA
RGB	186, 228, 170
RGB Percent	73%, 89%, 67%
CMY	0.2706, 0.1059, 0.3333
CMYK	0.18, 0.00, 0.25, 0.11
HSL	103°, 52%, 78%
HSV	103°, 25%, 89%
XYZ	55.2488, 68.8282, 48.4035
YIQ	208.8300, -6.4140, -26.9420

Conversions

Conversions Part 2

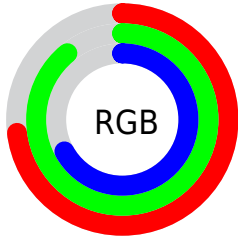
Format	Color
RYB	170, 228, 212
Decimal	12248234
CIELab	86.42, -24.18, 23.94
CIELCh	86, 34.027, 135.277
Yxy	68.8282, 0.3203, 0.3990
Android (android.graphics.Color)	4290438314 (0xFFBAE4AA)
YUV	208.8300, -19.1432, -20.0219
Hunter-Lab	82.9628, -26.3133, 23.4820

Details

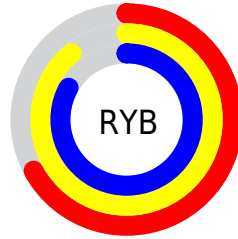
The YUV color $208.8300, -19.1432, -20.0219$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $189.1700, 19.1432, 20.0219$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1060, -10.8983, -4.4780$, and $153.7700, -18.1276, -19.0923$ is the 20% darker color. If you saturate the color by 10%, you get $201.1250, -26.6836, -28.1736$, and if you desaturate by 10%, it is $216.5350, -11.6028, -11.8702$.

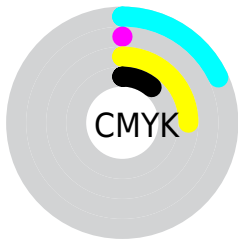
Distribution



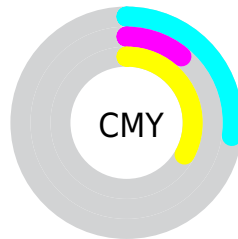
- Red (73%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (83%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.8300, -19.1432, -20.0219 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 208.8300, -19.1432, -20.0219 by changing the saturation by 10% instead.

■ 208.8300,
-19.1432, -20.0219

■ 208.8300,
-19.1432, -20.0219

255.0000, 0.0000,
0.0000

■ 181.2430,
-18.8538, -19.5071

■ 248.1060,
-10.8983, -4.4780

■ 153.7700,
-18.1276, -19.0923

254.8860, -0.4368,
0.1000

■ 127.9980,
-17.2540, -19.2922

■ 102.5250,
-16.5278, -18.8774

■ 78.0520, -15.8016,
-18.4626

■ 54.1660, -15.3648,
-18.5626

■ 31.1660, -15.3648,

-18.5626

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 208.8300,
-19.1432, -20.0219

■ 208.8300,
-19.1432, -20.0219

■ 201.1250,
-26.6836, -28.1736

■ 216.5350,
-11.6028, -11.8702

■ 193.7190,
-34.3715, -35.7106

■ 223.9410, -3.9149,
-4.3333

■ 186.1280,
-41.4751, -43.9623

■ 231.5320, 3.1887,
3.9184

■ 178.7220,
-49.1629, -51.4992

■ 238.2540, 8.2558,
12.0552

■ 171.0170,
-56.7034, -59.6509

■ 239.1510, 7.8136,
13.8996

■ 163.6110,
-64.3912, -67.1878

■ 155.9060,
-71.9317, -75.3396

■ 152.6730,
-75.2678, -78.6432

Harmonies

Analogous

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



212.4870, -28.8341, 8.3429



208.8300, -19.1432, -20.0219



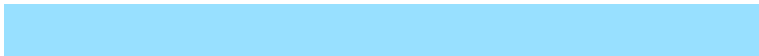
204.0080, -2.4689, -48.2420

Triad

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



208.8300, -19.1432, -20.0219



206.0060, 24.1540, -47.3633



212.4500, -5.6448, 37.3164

Complementary

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



208.8300, -19.1432, -20.0219



189.1700, 19.1432, 20.0219

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.



216.7990, 8.4801, 33.5023



208.8300, -19.1432, -20.0219



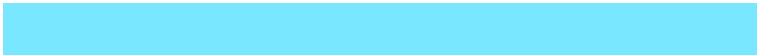
214.1890, 20.1198, -13.3208

Square

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



208.8300, -19.1432, -20.0219



200.5470, 26.8453, -70.6397



219.7030, 17.4014, 18.6775



212.6660, -20.0483, 37.1269

Rectangle

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



208.8300, -19.1432, -20.0219



200.8240, 9.9468, -63.8666



219.7030, 17.4014, 18.6775



213.1170, -0.5507, 36.7314

Sweetspot

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



208.8300, -19.1432, -20.0219



248.2350, -6.5249, -7.2221



211.9960, -20.7040, 14.0355



123.5280, -4.2043, -4.8481



0.0000, 0.0000, 0.0000



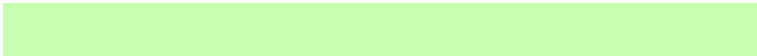
128.0000, 0.0000, 0.0000

Same Dimension

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



208.8300, -19.1432, -20.0219



228.9510, -26.1048, -27.1440



205.5280, -11.1063, -31.1581



110.9410, -3.9149, -4.3333



119.7240, -59.0239, -62.0249



34.1230, -16.8226, -17.6479

Inverse Universe

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



189.1700, 19.1432, 20.0219



202.0490, 26.1048, 27.1440



192.4720, 11.1063, 31.1581



107.0590, 3.9149, 4.3333



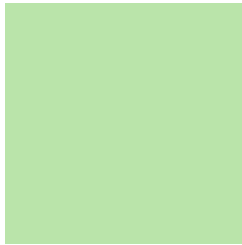
58.9770, 59.1713, 61.4102



16.8770, 16.8226, 17.6479

Previews

White Background



This preview shows how the YUV color 208.8300, -19.1432, -20.0219 looks on a white background.

Color Contrast Check

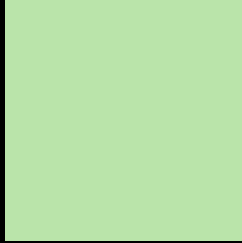
Large Text (above 18pt) WCAG AA × Fail

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 208.8300, -19.1432, -20.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

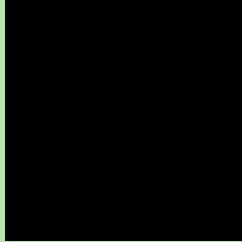
Any Text WCAG AA ✓ Pass

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 208.8300, -19.1432, -20.0219 Background



This preview shows how black text looks on a background with the YUV color 208.8300, -19.1432, -20.0219.



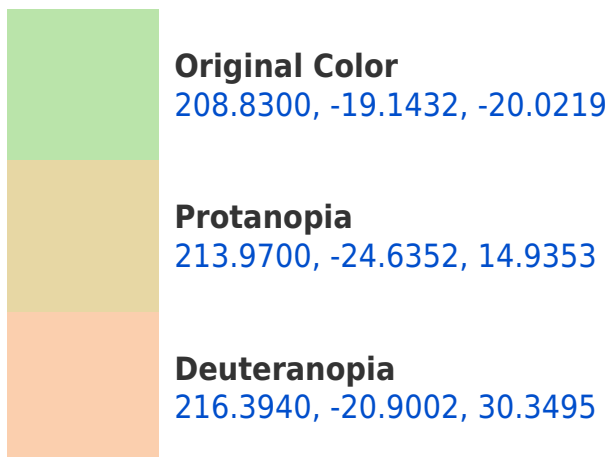
This preview shows how white text looks on a background with the YUV color 208.8300, -19.1432, -20.0219.

-20.0219.

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

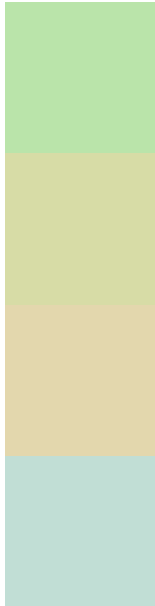




Tritanopia

214.4740, 11.1053, -15.3247

Trichromacy



Original Color

208.8300, -19.1432, -20.0219

Protanomaly

212.3490, -22.8501, 2.3249

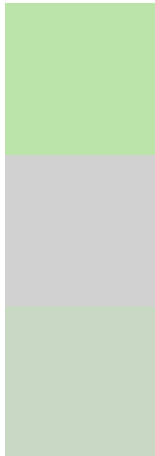
Deuteranomaly

213.8000, -20.1144, 11.5764

Tritanomaly

212.3030, 0.3436, -16.9287

Monochromacy



Original Color

208.8300, -19.1432, -20.0219

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1210, -6.9617, -7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.8300, -19.1432, -20.0219 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(186, 228, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 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(186, 228, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 170) }
```

Border

The CSS property to change the border of an element to YUV 208.8300, -19.1432, -20.0219 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(186, 228, 170) }
```


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

```
.border{ border-color:rgb(186, 228, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 228, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 228, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 228, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 228,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 208.8300, -19.1432, -20.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 170) }
```

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

```
.background{ background-color: rgb(186,  
228, 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](#).

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