

Converting Colors

YUV(208.1310, -18.7986,
9.5321)

Have a look what the booklet for
YUV(208.1310, -18.7986, 9.5321)
contains.

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Color

**YUV(208.1310, -18.7986,
9.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2AA
RGB	219, 210, 170
RGB Percent	86%, 82%, 67%
CMY	0.1412, 0.1765, 0.3333
CMYK	0.00, 0.04, 0.22, 0.14
HSL	49°, 40%, 76%
HSV	49°, 22%, 86%
XYZ	59.5157, 64.0555, 47.2574
YIQ	208.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

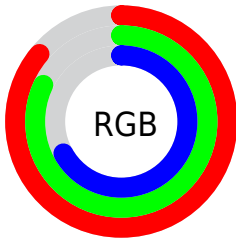
Format	Color
RYB	181, 219, 170
Decimal	14406314
CIELab	83.99, -3.25, 20.98
CIElCh	84, 21.229, 98.808
Yxy	64.0555, 0.3484, 0.3750
Android (android.graphics.Color)	4292596394 (0xFFDDBD2AA)
YUV	208.1310, -18.7986, 9.5321
Hunter-Lab	80.0347, -7.3239, 21.0159

Details

The YUV color **208.1310, -18.7986, 9.5321** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180.8690, 18.7986, -9.5321**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5800, -13.1039, 2.9993**, and **154.0600, -17.7776, 8.7174** is the 20% darker color. If you saturate the color by 10%, you get **203.2750, -27.2506, 13.7908**, and if you desaturate by 10%, it is **212.9870, -10.3466, 5.2734**.

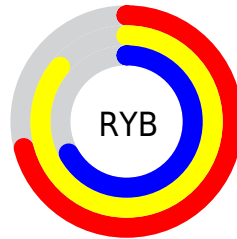
Distribution



Red (86%)

Green (82%)

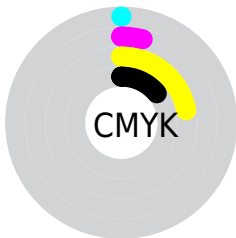
Blue (67%)



Red (71%)

Yellow (86%)

Blue (67%)

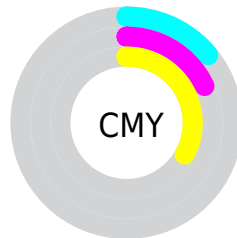


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1310, -18.7986, 9.5321 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 208.1310, -18.7986, 9.5321 by changing the saturation by 10% instead.

■ 208.1310,
-18.7986, 9.5321

■ 208.1310,
-18.7986, 9.5321

255.0000, 0.0000,
0.0000

■ 180.2450,
-18.3618, 9.4321

■ 251.5800,
-13.1039, 2.9993

■ 154.0600,
-17.7776, 8.7174

254.8860, -0.4368,
0.1000

■ 127.8750,
-17.1934, 8.0026

■ 102.6900,
-16.6092, 7.2879

■ 78.5050, -16.0250,
6.5731

■ 55.4340, -15.0040,
5.7584

■ 33.0920, -16.3144,

6.0583

■ 13.5780, -6.6940,
0.3701

■ 0.0000, 0.0000,
0.0000

■ 208.1310,
-18.7986, 9.5321

■ 208.1310,
-18.7986, 9.5321

■ 203.2750,
-27.2506, 13.7908

■ 212.9870,
-10.3466, 5.2734

■ 198.4190,
-35.7026, 18.0495

■ 217.8430, -1.8946,
1.0147

■ 193.5630,
-44.1546, 22.3082

■ 222.6990, 6.5574,
-3.2440

■ 188.7070,
-52.6066, 26.5670

■ 227.2130, 13.6990,
-7.2028

■ 183.9650,
-60.6217, 30.7257

■ 229.5610, 12.5414,
-9.2620

■ 179.1090,
-69.0737, 34.9844

■ 231.9090, 11.3839,
-11.3212

■ 174.2530,
-77.5257, 39.2431

■ 234.2570, 10.2263,
-13.3804

■ 170.5540,
-84.0831, 42.4871

■ 236.6050, 9.0687,
-15.4396

■ 238.9530, 7.9112,
-17.4988

Harmonies

Analogous

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



210.0450, -18.2632, 24.5165



208.1310, -18.7986, 9.5321



205.6880, -13.6502, -8.4964

Triad

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



208.1310, -18.7986, 9.5321



202.7590, 15.4018, -40.1306



213.2340, 5.3076, 24.3508

Complementary

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



208.1310, -18.7986, 9.5321



180.8690, 18.7986, -9.5321

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.



211.8280, 14.3818, 7.1668



208.1310, -18.7986, 9.5321



205.0790, 20.1741, -30.7643

Square

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



208.1310, -18.7986, 9.5321



201.7780, 6.5184, -37.5163



209.0750, 19.6830, -13.2208



212.7700, -4.3236, 33.5277

Rectangle

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



208.1310, -18.7986, 9.5321



204.1040, -7.9393, -20.2622



209.0750, 19.6830, -13.2208



213.2980, 8.2341, 19.0327

Sweetspot

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



208.1310, -18.7986, 9.5321



251.1870, -6.9942, 3.3440



185.7910, -2.8550, 29.1243



125.5720, -4.2260, 2.1294



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.



208.1310, -18.7986, 9.5321



239.5030, -26.3770, 13.5909



208.9290, -19.1920, -4.3227



107.5720, -4.2260, 2.1294



135.0810, -66.5949, 33.2550



35.4730, -17.4882, 9.2322

Inverse Universe

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



180.8690, 18.7986, -9.5321



201.4970, 26.3770, -13.5909



180.0710, 19.1920, 4.3227



101.4280, 4.2260, -2.1294



38.5060, 66.3055, -33.7698



9.9400, 17.7776, -8.7174

Previews

White Background



This preview shows how the YUV color 208.1310, -18.7986, 9.5321 looks on a white background.

Color Contrast Check

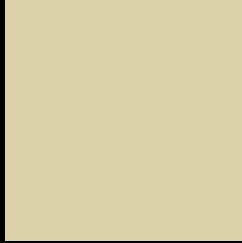
Large Text (above 18pt) WCAG AA × Fail

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 208.1310, -18.7986, 9.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

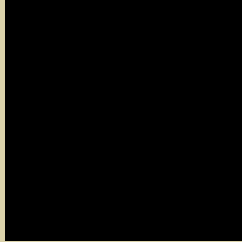
Any Text WCAG AA ✓ Pass

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 208.1310, -18.7986, 9.5321 Background



This preview shows how black text looks on a background with the YUV color 208.1310, -18.7986, 9.5321.



This preview shows how white text looks on a background with the YUV color 208.1310, -18.7986, 9.5321.

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

208.1310, -18.7986, 9.5321

Protanopia

208.4410, -18.9514, 11.8912

Deuteranopia

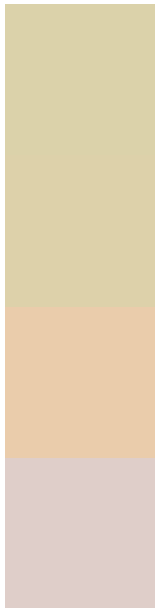
210.2520, -18.8582, 28.7200



Tritanopia

211.4020, 3.7458, 11.9254

Trichromacy



Original Color

208.1310, -18.7986, 9.5321

Protanomaly

208.1420, -18.8040, 11.2765

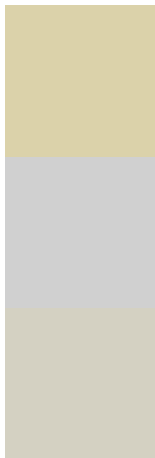
Deuteranomaly

209.2080, -18.8365, 21.7426

Tritanomaly

210.5130, -4.6899, 10.9511

Monochromacy



Original Color

208.1310, -18.7986, 9.5321

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1310, -18.7986, 9.5321 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(219, 210, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 210, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 170) }
```

Border

The CSS property to change the border of an element to YUV 208.1310, -18.7986, 9.5321 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(219, 210, 170) }
```


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

```
.border{ border-color:rgb(219, 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(219, 210, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 208.1310, -18.7986, 9.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 170) }
```

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

```
.background{ background-color: rgb(219,  
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](#).

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