

Converting Colors

YUV(208.3330, -38.6182,
19.8790)

Have a look what the booklet for
YUV(208.3330, -38.6182, 19.8790)
contains.

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Color

**YUV(208.3330, -38.6182,
19.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D482
RGB	231, 212, 130
RGB Percent	91%, 83%, 51%
CMY	0.0941, 0.1686, 0.4902
CMYK	0.00, 0.08, 0.44, 0.09
HSL	49°, 68%, 71%
HSV	49°, 44%, 91%
XYZ	60.5277, 65.6876, 30.6079
YIQ	208.3330, 37.6460, -21.4740

Conversions

Conversions Part 2

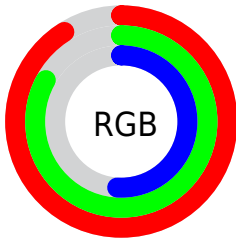
Format	Color
RYB	153, 231, 130
Decimal	15193218
CIELab	84.84, -4.47, 42.84
CIELCh	85, 43.074, 95.956
Yxy	65.6876, 0.3860, 0.4189
Android (android.graphics.Color)	4293383298 (0xFFE7D482)
YUV	208.3330, -38.6182, 19.8790
Hunter-Lab	81.0479, -8.5274, 34.3425

Details

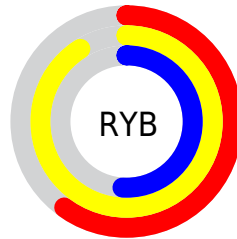
The YUV color **208.3330, -38.6182, 19.8790** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **152.6670, 38.6182, -19.8790**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **153.7780, -36.8656, 17.7347** is the 20% darker color. If you saturate the color by 10%, you get **203.3630, -47.5070, 24.2376**, and if you desaturate by 10%, it is **213.3030, -29.7294, 15.5203**.

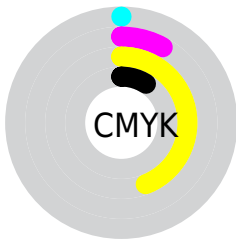
Distribution



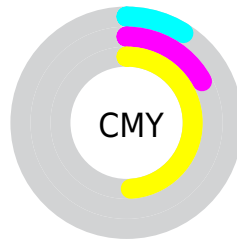
- Red (91%)
- Green (83%)
- Blue (51%)



- Red (60%)
- Yellow (91%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.3330, -38.6182, 19.8790 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 208.3330, -38.6182, 19.8790 by changing the saturation by 10% instead.

■ 208.3330,
-38.6182, 19.8790

■ 208.3330,
-38.6182, 19.8790

■ 255.0000, 0.0000,
0.0000

■ 180.2620,
-37.5972, 19.0642

■ 246.9060,
-31.0127, 7.0984

■ 153.7780,
-36.8656, 17.7347

■ 250.0980,
-18.7823, 4.2991

■ 127.2940,
-36.1339, 16.4052

■ 253.4040, -6.1152,
1.3997

■ 101.6960,
-35.8391, 15.1756

■ 76.2290, -37.5809,
13.8312

■ 55.5520, -27.3871,
10.9169

■ 34.8640, -17.1880,

6.2583

■ 15.0510, -7.4201,
-0.0447

■ 0.0000, 0.0000,
0.0000

■ 208.3330,
-38.6182, 19.8790

■ 208.3330,
-38.6182, 19.8790

■ 203.3630,
-47.5070, 24.2376

■ 213.3030,
-29.7294, 15.5203

■ 197.8060,
-56.1064, 29.1111

■ 218.8600,
-21.1300, 10.6468

■ 192.8360,
-64.9951, 33.4698

■ 223.8300,
-12.2412, 6.2881

■ 187.8660,
-73.8839, 37.8285

■ 228.8000, -3.3524,
1.9294

■ 182.1950,
-82.9201, 42.8020

■ 234.4710, 5.6838,
-3.0441

■ 179.4250,
-88.4565, 45.2313

■ 237.8450, 8.4574,
-6.0031

■ 240.1930, 7.2999,
-8.0623

■ 243.1280, 5.8529,
-10.6363

■ 245.4760, 4.6953,
-12.6955

Harmonies

Analogous

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



208.2030, -34.6101, 41.0410



208.3330, -38.6182, 19.8790



203.9310, -29.0530, -14.8485

Triad

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



208.3330, -38.6182, 19.8790



179.3070, 37.3166, -116.0332



212.8840, 16.3262, 36.9357

Complementary

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



208.3330, -38.6182, 19.8790



152.6670, 38.6182, -19.8790

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.



213.1690, 20.6227, 12.1298



208.3330, -38.6182, 19.8790



190.1480, 31.9720, -81.6908

Square

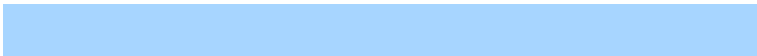
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.3330, -38.6182, 19.8790



187.1410, 15.7065, -91.3317



204.0340, 25.1262, -32.4788



205.2750, -0.1356, 43.6088

Rectangle

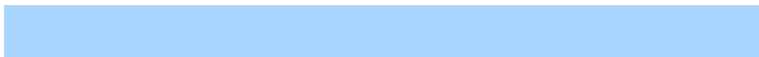
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.3330, -38.6182, 19.8790



199.5780, -17.0470, -39.0949



204.0340, 25.1262, -32.4788



216.2580, 19.0998, 33.9767

Sweetspot

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



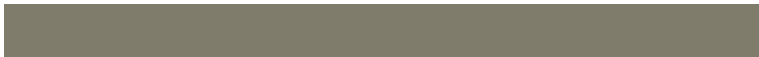
208.3330, -38.6182, 19.8790



247.7160, -12.6780, 6.3881



162.4790, -6.1521, 60.0929



123.2580, -8.0152, 4.1587



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.



208.3330, -38.6182, 19.8790



225.1630, -50.8594, 26.1670



210.5160, -39.6944, -8.3455



112.4580, -4.6628, 2.2293



138.6360, -68.3475, 35.3992



39.3160, -19.3828, 10.2469

Inverse Universe

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



152.6670, 38.6182, -19.8790



151.8370, 50.8594, -26.1670



150.4840, 39.6944, 8.3455



105.5420, 4.6628, -2.2293



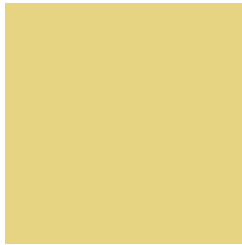
40.3640, 68.3475, -35.3992



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 208.3330, -38.6182, 19.8790 looks on a white background.

Color Contrast Check

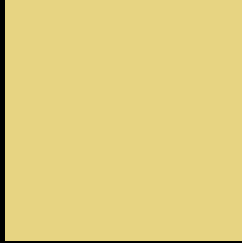
Large Text (above 18pt) WCAG AA × Fail

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 208.3330, -38.6182, 19.8790 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 208.3330, -38.6182, 19.8790

Background



This preview shows how black text looks on a background with the YUV color 208.3330, -38.6182, 19.8790.



This preview shows how white text looks on a background with the YUV color 208.3330, -38.6182, 19.8790.

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

208.3330, -38.6182, 19.8790

Protanopia

208.3330, -38.6182, 19.8790

Deuteranopia

210.7960, -37.3674, 38.7669



Tritanopia

214.4850, 1.2399, 22.3767

Trichromacy



Original Color

208.3330, -38.6182, 19.8790

Protanomaly

208.3330, -38.6182, 19.8790

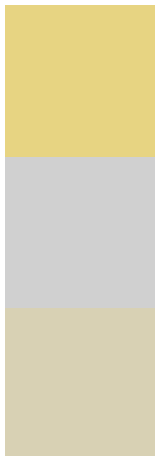
Deuteranomaly

209.6380, -37.7825, 31.8895

Tritanomaly

212.2880, -13.4530, 21.6724

Monochromacy



Original Color

208.3330, -38.6182, 19.8790

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.7870, -13.6990, 7.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.3330, -38.6182, 19.8790 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(231, 212, 130)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 130)  
}
```

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(231, 212, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 130) }
```

Border

The CSS property to change the border of an element to YUV 208.3330, -38.6182, 19.8790 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(231, 212, 130) }
```


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

```
.border{ border-color:rgb(231, 212, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 130);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 208.3330, -38.6182, 19.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 130) }
```

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

```
.background{ background-color: rgb(231,  
212, 130) }
```

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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