

Converting Colors

YUV(198.4160, -20.9111,
33.8382)

Have a look what the booklet for
YUV(198.4160, -20.9111, 33.8382)
contains.

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Color

**YUV(198.4160, -20.9111,
33.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBB9C
RGB	237, 187, 156
RGB Percent	93%, 73%, 61%
CMY	0.0706, 0.2667, 0.3882
CMYK	0.00, 0.21, 0.34, 0.07
HSL	23°, 69%, 77%
HSV	23°, 34%, 93%
XYZ	58.6961, 55.9455, 39.1574
YIQ	198.4160, 39.7510, 0.9590

Conversions

Conversions Part 2

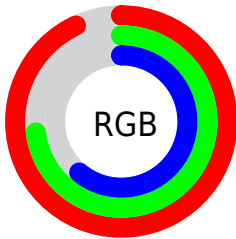
Format	Color
R _Y B	237, 206, 156
Decimal	15580060
CIE Lab	79.58, 13.79, 22.57
CIE LCh	80, 26.452, 58.570
Yxy	55.9455, 0.3816, 0.3638
Android (android.graphics.Color)	4293770140 (0xFFEDBB9C)
YUV	198.4160, -20.9111, 33.8382
Hunter-Lab	74.7967, 9.1822, 21.3183

Details

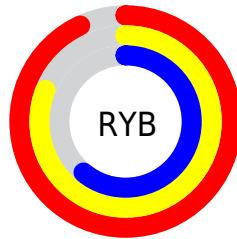
The YUV color **198.4160, -20.9111, 33.8382** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **194.5840, 20.9111, -33.8382**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9400, -15.7464, 10.5766**, and **144.4480, -19.4479, 31.1791** is the 20% darker color. If you saturate the color by 10%, you get **186.8750, -27.0534, 43.9596**, and if you desaturate by 10%, it is **209.9570, -14.7688, 23.7167**.

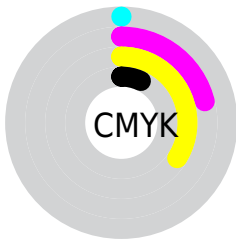
Distribution



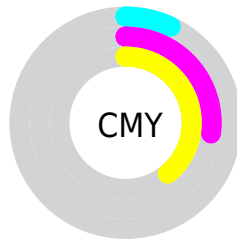
- Red (93%)
- Green (73%)
- Blue (61%)



- Red (93%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4160, -20.9111, 33.8382 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 198.4160, -20.9111, 33.8382 by changing the saturation by 10% instead.

198.4160,
-20.9111, 33.8382

198.4160,
-20.9111, 33.8382

255.0000, 0.0000,
0.0000

170.9320,
-20.1795, 32.5086

242.9400,
-15.7464, 10.5766

144.4480,
-19.4479, 31.1791

253.1760, -6.9888,
1.5996

117.9640,
-18.7163, 29.8496

93.1810, -17.8372,
27.9053

69.3980, -16.9582,
25.9610

46.3160, -15.9318,
23.4019

25.2170, -12.4320,

20.8577

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 198.4160,
-20.9111, 33.8382

■ 198.4160,
-20.9111, 33.8382

■ 186.8750,
-27.0534, 43.9596

■ 209.9570,
-14.7688, 23.7167

■ 176.0350,
-33.0483, 53.4663

■ 220.7970, -8.7739,
14.2100

■ 164.4940,
-39.1905, 63.5878

■ 232.3380, -2.6316,
4.0886

■ 152.9530,
-45.3328, 73.7092

■ 243.8790, 3.5107,
-6.0329

■ 142.1130,
-51.3277, 83.2159

■ 249.6180, 2.6533,
-11.0660

■ 130.5720,
-57.4700, 93.3374

■ 124.2800,
-61.2700, 98.8554

Harmonies

Analogous

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



200.0500, -12.3496, 41.1752



198.4160, -20.9111, 33.8382



196.2200, -23.7725, 18.2241

Triad

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



198.4160, -20.9111, 33.8382



187.0500, 3.9194, -43.8938



199.2770, 20.0764, 0.6341

Complementary

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



198.4160, -20.9111, 33.8382



194.5840, 20.9111, -33.8382

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.



195.0780, 25.1045, -25.5014



198.4160, -20.9111, 33.8382



186.6110, 16.4608, -53.1558

Square

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



198.4160, -20.9111, 33.8382



190.0280, -9.3808, -24.5806



189.6040, 23.8592, -46.1337



201.6020, 10.5492, 23.1510

Rectangle

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



198.4160, -20.9111, 33.8382



194.3000, -21.8399, 4.9989



189.6040, 23.8592, -46.1337



198.2050, 22.5769, -8.0728

Sweetspot

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



198.4160, -20.9111, 33.8382



242.7580, -6.2897, 10.7362



186.0330, 10.3367, 44.6981



120.3060, -4.0949, 6.7476



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.



198.4160, -20.9111, 33.8382



204.8750, -27.0534, 43.9596



221.3090, -32.1973, 13.7610



111.6370, -2.7790, 4.7034



94.6220, -46.6486, 75.7535



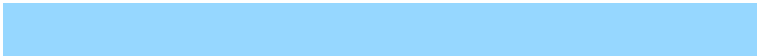
27.8860, -13.7478, 22.9020

Inverse Universe

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



194.5840, 20.9111, -33.8382



200.1250, 27.0534, -43.9596



171.6910, 32.1973, -13.7610



111.3630, 2.7790, -4.7034



86.3780, 46.6486, -75.7535



25.5270, 14.0372, -22.3872

Previews

White Background



This preview shows how the YUV color 198.4160, -20.9111, 33.8382 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 198.4160, -20.9111, 33.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

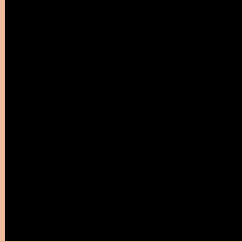
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4160, -20.9111, 33.8382

Background



This preview shows how black text looks on a background with the YUV color 198.4160, -20.9111, 33.8382.



This preview shows how white text looks on a background with the YUV color 198.4160, -20.9111,

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

198.4160, -20.9111, 33.8382

Protanopia

196.4840, -17.4936, 10.9765

Deuteranopia

198.2690, -21.3316, 28.7051



Tritanopia

200.5360, -2.7292, 35.4869

Trichromacy



Original Color

198.4160, -20.9111, 33.8382

Protanomaly

196.8980, -18.6837, 19.3835

Deuteranomaly

198.2800, -21.3370, 30.4494

Tritanomaly

199.8150, -9.2758, 35.2422

Monochromacy



Original Color

198.4160, -20.9111, 33.8382

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4160, -20.9111, 33.8382 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(237, 187, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 187, 156)  
}
```

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(237, 187, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 187, 156) }
```

Border

The CSS property to change the border of an element to YUV 198.4160, -20.9111, 33.8382 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(237, 187, 156) }
```


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

```
.border{ border-color:rgb(237, 187, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 187, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 187, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 187, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 187,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 198.4160, -20.9111, 33.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 187, 156) }
```

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

```
.background{ background-color: rgb(237,  
187, 156) }
```

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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