

Converting Colors

YUV(188.9740, -34.0042,
33.3488)

Have a look what the booklet for
YUV(188.9740, -34.0042, 33.3488)
contains.

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Color

**YUV(188.9740, -34.0042,
33.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B778
RGB	227, 183, 120
RGB Percent	89%, 72%, 47%
CMY	0.1098, 0.2824, 0.5294
CMYK	0.00, 0.19, 0.47, 0.11
HSL	35°, 66%, 68%
HSV	35°, 47%, 89%
XYZ	52.0022, 51.5539, 24.9794
YIQ	188.9740, 46.4470, -10.2650

Conversions

Conversions Part 2

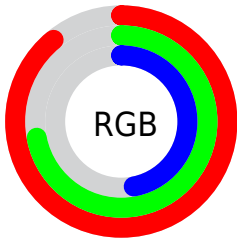
Format	Color
R_{YB}	195, 227, 120
Decimal	14923640
CIE _{Lab}	77.01, 8.02, 37.93
CIE _{LCh}	77, 38.773, 78.055
Yxy	51.5539, 0.4046, 0.4011
Android (android.graphics.Color)	4293113720 (0xFFE3B778)
YUV	188.9740, -34.0042, 33.3488
Hunter-Lab	71.8011, 3.6275, 29.6339

Details

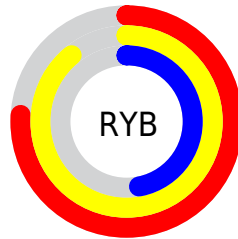
The YUV color **188.9740, -34.0042, 33.3488** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158.0260, 34.0042, -33.3488**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2600, -31.1872, 16.4350**, and **134.8210, -31.9568, 29.9750** is the 20% darker color. If you saturate the color by 10%, you get **181.0690, -41.4460, 40.2815**, and if you desaturate by 10%, it is **196.8790, -26.5623, 26.4161**.

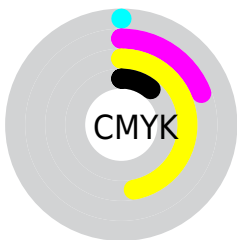
Distribution



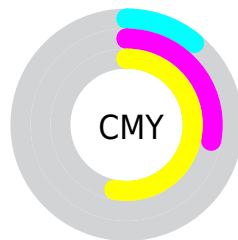
- Red (89%)
- Green (72%)
- Blue (47%)



- Red (76%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9740, -34.0042, 33.3488 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 188.9740, -34.0042, 33.3488 by changing the saturation by 10% instead.

188.9740,
-34.0042, 33.3488

188.9740,
-34.0042, 33.3488

255.0000, 0.0000,
0.0000

161.6040,
-32.8358, 31.9193

236.2600,
-31.1872, 16.4350

134.8210,
-31.9568, 29.9750

248.8440,
-23.5871, 5.3988

109.0380,
-31.0777, 28.0307

252.0360,
-11.3567, 2.5994

84.1410, -30.6355,
26.1863

60.3580, -29.7565,
24.2420

40.2570, -19.8467,
19.0686

21.0420, -10.3737,

13.9952

■ 0.0000, 0.0000,
0.0000

■ 188.9740,
-34.0042, 33.3488

■ 188.9740,
-34.0042, 33.3488

■ 181.0690,
-41.4460, 40.2815

■ 196.8790,
-26.5623, 26.4161

■ 172.6910,
-48.1617, 47.6290

■ 205.2570,
-19.8467, 19.0686

■ 164.7860,
-55.6035, 54.5617

■ 213.1620,
-12.4049, 12.1359

■ 156.8810,
-63.0453, 61.4944

■ 221.0670, -4.9630,
5.2032

■ 148.3890,
-70.1978, 68.9418

■ 229.4450, 1.7526,
-2.1443

■ 146.5310,
-72.2398, 70.5713

■ 237.2360, 8.7577,
-8.9770

■ 242.5190, 6.1531,
-13.6102

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



191.4570, -26.3543, 53.0962



188.9740, -34.0042, 33.3488



185.6670, -31.8808, 5.5540

Triad

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



188.9740, -34.0042, 33.3488



165.2750, 22.5424, -90.5722



194.7620, 21.3163, 23.0107

Complementary

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



188.9740, -34.0042, 33.3488



158.0260, 34.0042, -33.3488

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.



190.2780, 31.9079, -14.2758



188.9740, -34.0042, 33.3488



166.7490, 37.0987, -92.7419

Square

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



188.9740, -34.0042, 33.3488



174.5120, -0.2524, -59.2080



179.6810, 37.1323, -56.7252



194.8010, 5.5211, 49.2865

Rectangle

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



188.9740, -34.0042, 33.3488



182.6690, -24.9798, -14.6187



179.6810, 37.1323, -56.7252



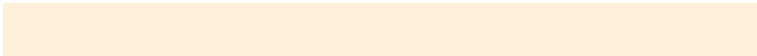
193.9500, 26.1537, 11.4449

Sweetspot

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



188.9740, -34.0042, 33.3488



242.0910, -11.3839, 11.3212



157.1230, 3.8834, 61.2821



120.2090, -7.0050, 6.8327



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.



188.9740, -34.0042, 33.3488



203.2500, -45.9722, 45.3848



212.1110, -45.4107, 5.1647



110.6970, -3.7946, 3.7737



115.1560, -56.7719, 55.9912



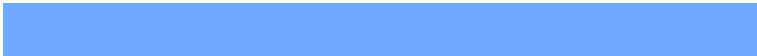
32.8590, -16.1995, 15.9097

Inverse Universe

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



158.0260, 34.0042, -33.3488



161.1630, 46.2616, -44.8700



134.8890, 45.4107, -5.1647



107.3030, 3.7946, -3.7737



63.2570, 57.0613, -55.4764



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 188.9740, -34.0042, 33.3488 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 188.9740, -34.0042, 33.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

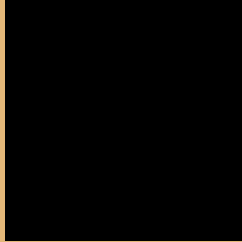
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.9740, -34.0042, 33.3488

Background



This preview shows how black text looks on a background with the YUV color 188.9740, -34.0042, 33.3488.



This preview shows how white text looks on a background with the YUV color 188.9740, -34.0042, 33.3488.

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

188.9740, -34.0042, 33.3488

Protanopia

187.4450, -31.7714, 17.1497

Deuteranopia

189.2840, -34.1570, 35.7079



Tritanopia

193.8240, -2.8712, 34.3574

Trichromacy



Original Color

188.9740, -34.0042, 33.3488

Protanomaly

187.6630, -32.3719, 23.0975

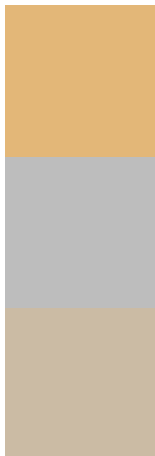
Deuteranomaly

188.9850, -34.0096, 35.0932

Tritanomaly

192.1370, -14.3645, 34.0829

Monochromacy



Original Color

188.9740, -34.0042, 33.3488

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1620, -12.4049, 12.1359

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9740, -34.0042, 33.3488 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(227, 183, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 183, 120)  
}
```

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(227, 183, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 120) }
```

Border

The CSS property to change the border of an element to YUV 188.9740, -34.0042, 33.3488 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(227, 183, 120) }
```


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

```
.border{ border-color:rgb(227, 183, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 183, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 183, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 183, 120); box-shadow:4px 4px 4px 4px rgb(227, 183, 120) }
```

Background

The CSS property to change the background color of an element to YUV 188.9740, -34.0042, 33.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 120) }
```

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

```
.background{ background-color: rgb(227,  
183, 120) }
```

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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