

Converting Colors

YUV(195.1810, -34.5992,
37.5523)

Have a look what the booklet for
YUV(195.1810, -34.5992, 37.5523)
contains.

YUV(195.1810, -34.5992, 37.5523)	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(195.1810, -34.5992,
37.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBB7D
RGB	238, 187, 125
RGB Percent	93%, 73%, 49%
CMY	0.0667, 0.2667, 0.5098
CMYK	0.00, 0.21, 0.47, 0.07
HSL	33°, 77%, 71%
HSV	33°, 47%, 93%
XYZ	56.7319, 55.1985, 27.0663
YIQ	195.1810, 50.2980, -8.4700

Conversions

Conversions Part 2

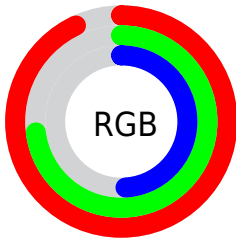
Format	Color
R_{YB}	218, 238, 125
Decimal	15645565
CIE _{Lab}	79.16, 10.83, 38.31
CIE _{LCh}	79, 39.810, 74.211
Yxy	55.1985, 0.4082, 0.3971
Android (android.graphics.Color)	4293835645 (0xFFEEBB7D)
YUV	195.1810, -34.5992, 37.5523
Hunter-Lab	74.2957, 6.2845, 30.4073

Details

The YUV color $195.1810, -34.5992, 37.5523$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $167.8190, 34.5992, -37.5523$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.1780, -30.1608, 13.8759$, and $141.0280, -32.5518, 34.1784$ is the 20% darker color. If you saturate the color by 10%, you get $185.9880, -41.8991, 45.6145$, and if you desaturate by 10%, it is $204.3740, -27.2994, 29.4900$.

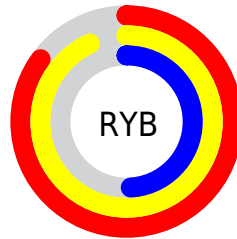
Distribution



Red (93%)

Green (73%)

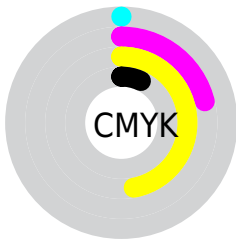
Blue (49%)



Red (85%)

Yellow (93%)

Blue (49%)

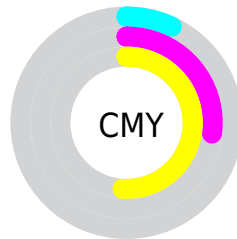


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1810, -34.5992, 37.5523 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 195.1810, -34.5992, 37.5523 by changing the saturation by 10% instead.

195.1810,
-34.5992, 37.5523

195.1810,
-34.5992, 37.5523

255.0000, 0.0000,
0.0000

167.6970,
-33.8676, 36.2227

239.1780,
-30.1608, 13.8759

141.0280,
-32.5518, 34.1784

249.4140,
-21.4031, 4.8989

114.9460,
-31.5254, 31.6194

252.7200, -8.7360,
1.9996

89.4620, -30.7938,
30.2898

65.0380, -31.0777,
28.0307

44.1220, -21.7521,
23.5720

24.6080, -12.1317,

17.8838

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 195.1810,
-34.5992, 37.5523

■ 195.1810,
-34.5992, 37.5523

■ 185.9880,
-41.8991, 45.6145

■ 204.3740,
-27.2994, 29.4900

■ 177.3820,
-49.4883, 53.1620

■ 212.9800,
-19.7101, 21.9425

■ 168.3030,
-56.3514, 61.1243

■ 222.0590,
-12.8471, 13.9803

■ 159.1100,
-63.6512, 69.1865

■ 231.2520, -5.5472,
5.9180

■ 149.9170,
-70.9511, 77.2488

■ 240.4450, 1.7526,
-2.1443

■ 148.0590,
-72.9931, 78.8783

■ 247.5690, 3.6635,
-8.3920

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



195.6140, -24.4597, 52.0815



195.1810, -34.5992, 37.5523



191.5320, -33.7863, 10.0574

Triad

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



195.1810, -34.5992, 37.5523



171.7050, 20.3584, -90.0723



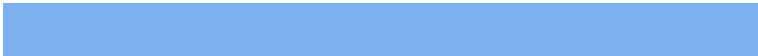
200.7230, 23.8006, 19.5369

Complementary

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



195.1810, -34.5992, 37.5523



167.8190, 34.5992, -37.5523

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.



194.3760, 29.8876, -19.6238



195.1810, -34.5992, 37.5523



170.5310, 37.6992, -98.6897

Square

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



195.1810, -34.5992, 37.5523



180.8390, -2.8786, -56.8638



182.5940, 35.6962, -62.7879



200.7730, 7.9999, 47.5571

Rectangle

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



195.1810, -34.5992, 37.5523



188.8220, -27.0272, -11.2449



182.5940, 35.6962, -62.7879



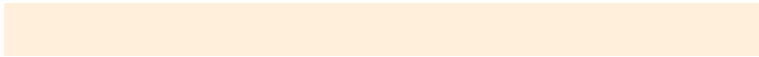
199.5580, 27.3329, 6.5266

Sweetspot

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



195.1810, -34.5992, 37.5523



241.5040, -11.0945, 11.8360



164.8290, 6.4933, 64.1710



119.6220, -6.7156, 7.3475



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.



195.1810, -34.5992, 37.5523



199.7280, -44.2359, 48.4735



223.9220, -48.7685, 8.8384



115.1100, -3.5052, 4.2885



114.3030, -56.3514, 61.1243



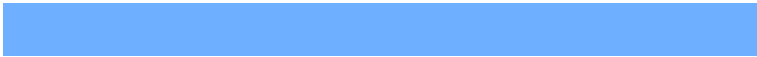
34.9410, -17.2259, 18.4687

Inverse Universe

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



167.8190, 34.5992, -37.5523



164.6850, 44.5253, -47.9587



139.0780, 48.7685, -8.8384



112.3030, 3.7946, -3.7737



69.6970, 56.3514, -61.1243



21.0590, 17.2259, -18.4687

Previews

White Background



This preview shows how the YUV color 195.1810, -34.5992, 37.5523 looks on a white background.

Color Contrast Check

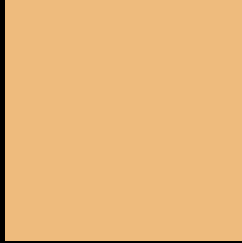
Large Text (above 18pt) WCAG AA × Fail

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 195.1810, -34.5992, 37.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

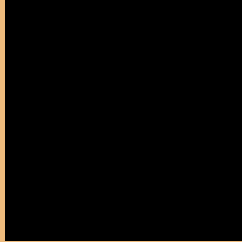
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.1810, -34.5992, 37.5523

Background



This preview shows how black text looks on a background with the YUV color 195.1810, -34.5992, 37.5523.



This preview shows how white text looks on a background with the YUV color 195.1810, -34.5992, 37.5523.

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

195.1810, -34.5992, 37.5523

Protanopia

193.4450, -31.7714, 17.1497

Deuteranopia

195.4690, -34.7412, 36.4227



Tritanopia

199.9170, -3.9031, 38.6608

Trichromacy



Original Color

195.1810, -34.5992, 37.5523

Protanomaly

194.2610, -32.6667, 24.3271

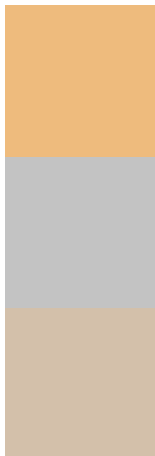
Deuteranomaly

195.4690, -34.7412, 36.4227

Tritanomaly

198.3440, -14.9596, 38.2863

Monochromacy



Original Color

195.1810, -34.5992, 37.5523

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.1730, -12.4103, 13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1810, -34.5992, 37.5523 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(238, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(238, 187, 125)  
}
```

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(238, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 187, 125) }
```

Border

The CSS property to change the border of an element to YUV 195.1810, -34.5992, 37.5523 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(238, 187, 125) }
```


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

```
.border{ border-color:rgb(238, 187, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 187, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 187, 125);  
box-shadow:4px 4px 4px 4px rgb(238, 187,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 195.1810, -34.5992, 37.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 187, 125) }
```

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

```
.background{ background-color: rgb(238,  
187, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor