

Converting Colors

YUV(190.3550, -35.1780,
36.5227)

Have a look what the booklet for
YUV(190.3550, -35.1780, 36.5227)
contains.

YUV(190.3550, -35.1780, 36.5227)	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(190.3550, -35.1780,
36.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B777
RGB	232, 183, 119
RGB Percent	91%, 72%, 47%
CMY	0.0902, 0.2824, 0.5333
CMYK	0.00, 0.21, 0.49, 0.09
HSL	34°, 71%, 69%
HSV	34°, 49%, 91%
XYZ	53.5420, 52.3547, 24.7363
YIQ	190.3550, 49.7480, -9.5160

Conversions

Conversions Part 2

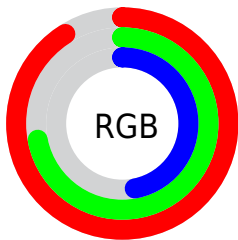
Format	Color
R_{YB}	206, 232, 119
Decimal	15251319
CIE _{Lab}	77.49, 9.96, 39.16
CIE _{LCh}	77, 40.404, 75.733
Yxy	52.3547, 0.4099, 0.4008
Android (android.graphics.Color)	4293441399 (0xFFE8B777)
YUV	190.3550, -35.1780, 36.5227
Hunter-Lab	72.3565, 5.4614, 30.3803

Details

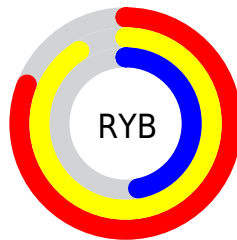
The YUV color $190.3550, -35.1780, 36.5227$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $160.6450, 35.1780, -36.5227$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1460, -31.6240, 16.5350$, and $136.2020, -33.1306, 33.1488$ is the 20% darker color. If you saturate the color by 10%, you get $181.8630, -42.3305, 43.9701$, and if you desaturate by 10%, it is $198.8470, -28.0256, 29.0752$.

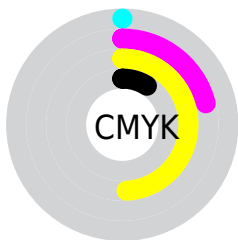
Distribution



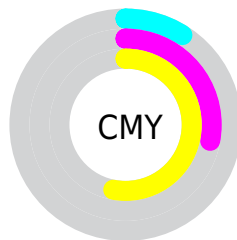
- Red (91%)
- Green (72%)
- Blue (47%)



- Red (81%)
- Yellow (91%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3550, -35.1780, 36.5227 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 190.3550, -35.1780, 36.5227 by changing the saturation by 10% instead.

190.3550,
-35.1780, 36.5227

190.3550,
-35.1780, 36.5227

255.0000, 0.0000,
0.0000

162.9850,
-34.0096, 35.0932

236.1460,
-31.6240, 16.5350

136.2020,
-33.1306, 33.1488

248.7300,
-24.0239, 5.4988

110.4190,
-32.2516, 31.2045

251.9220,
-11.7935, 2.6994

85.2230, -31.6619,
28.7454

61.2550, -30.1987,
26.0864

41.1540, -20.2889,
20.9129

21.9390, -10.8159,

15.8395

■ 0.0000, 0.0000,
0.0000

■ 190.3550,
-35.1780, 36.5227

■ 190.3550,
-35.1780, 36.5227

■ 181.8630,
-42.3305, 43.9701

■ 198.8470,
-28.0256, 29.0752

■ 173.3710,
-49.4829, 51.4176

■ 207.3390,
-20.8731, 21.6277

■ 164.7650,
-57.0721, 58.9651

■ 215.9450,
-13.2839, 14.0802

■ 156.2730,
-64.2246, 66.4126

■ 224.4370, -6.1314,
6.6328

■ 147.7810,
-71.3770, 73.8601

■ 232.9290, 1.0210,
-0.8147

■ 146.2650,
-72.1086, 75.1896

■ 241.0790, 6.8631,
-7.9623

■ 246.9490, 3.9691,
-13.1103

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



191.8810, -26.0703, 55.3554



190.3550, -35.1780, 36.5227



186.8200, -33.9283, 8.9279

Triad

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



190.3550, -35.1780, 36.5227



164.8290, 22.2693, -96.3200



196.6200, 23.3583, 21.3813

Complementary

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



190.3550, -35.1780, 36.5227



160.6450, 35.1780, -36.5227

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.



189.9570, 32.0662, -18.3793



190.3550, -35.1780, 36.5227



163.3670, 39.7521, -103.8079

Square

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



190.3550, -35.1780, 36.5227



174.8710, -1.4154, -59.5229



178.1640, 37.8801, -63.2878



195.9690, 7.4103, 50.0162

Rectangle

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



190.3550, -35.1780, 36.5227



183.8110, -27.0218, -12.9892



178.1640, 37.8801, -63.2878



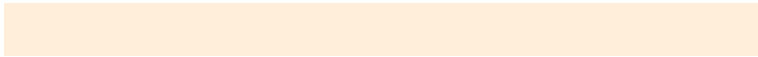
195.0960, 28.0537, 8.6858

Sweetspot

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



190.3550, -35.1780, 36.5227



240.6890, -11.6787, 12.5507



158.6010, 5.6197, 64.3709



119.5080, -7.1524, 7.4475



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.



190.3550, -35.1780, 36.5227



200.5600, -46.1251, 47.7439



217.3240, -48.4737, 7.6089



110.6970, -3.7946, 3.7737



112.8080, -55.6143, 58.0504



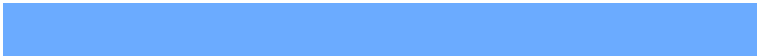
32.2720, -15.9101, 16.4245

Inverse Universe

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



160.6450, 35.1780, -36.5227



161.4400, 46.1251, -47.7439



133.6760, 48.4737, -7.6089



107.3030, 3.7946, -3.7737



65.6050, 55.9037, -57.5356



18.7280, 15.9101, -16.4245

Previews

White Background



This preview shows how the YUV color 190.3550, -35.1780, 36.5227 looks on a white background.

Color Contrast Check

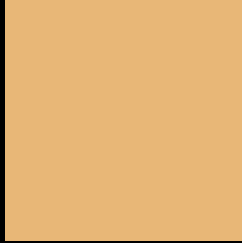
Large Text (above 18pt) WCAG AA × Fail

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 190.3550, -35.1780, 36.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

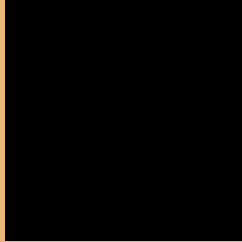
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.3550, -35.1780, 36.5227

Background



This preview shows how black text looks on a background with the YUV color 190.3550, -35.1780, 36.5227.



This preview shows how white text looks on a background with the YUV color 190.3550, -35.1780,

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

190.3550, -35.1780, 36.5227

Protanopia

189.1030, -33.0818, 17.4497

Deuteranopia

190.3550, -35.1780, 36.5227



Tritanopia

194.7320, -3.3189, 37.9460

Trichromacy



Original Color

190.3550, -35.1780, 36.5227

Protanomaly

189.6200, -33.8297, 24.0123

Deuteranomaly

190.3550, -35.1780, 36.5227

Tritanomaly

193.0450, -14.8122, 37.6715

Monochromacy



Original Color

190.3550, -35.1780, 36.5227

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7600, -12.6997, 13.3655

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3550, -35.1780, 36.5227 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(232, 183, 119)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 119)  
}
```

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(232, 183, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 119) }
```

Border

The CSS property to change the border of an element to YUV 190.3550, -35.1780, 36.5227 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(232, 183, 119) }
```


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

```
.border{ border-color:rgb(232, 183, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 119);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 190.3550, -35.1780, 36.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 119) }
```

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

```
.background{ background-color: rgb(232,  
183, 119) }
```

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