

Converting Colors

YUV(190.3440, -35.1726,
34.7783)

Have a look what the booklet for
YUV(190.3440, -35.1726, 34.7783)
contains.

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Color

**YUV(190.3440, -35.1726,
34.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B877
RGB	230, 184, 119
RGB Percent	90%, 72%, 47%
CMY	0.0980, 0.2784, 0.5333
CMYK	0.00, 0.20, 0.48, 0.10
HSL	35°, 69%, 68%
HSV	35°, 48%, 90%
XYZ	53.1034, 52.4359, 24.7750
YIQ	190.3440, 48.2810, -10.4630

Conversions

Conversions Part 2

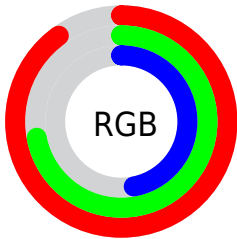
Format	Color
RYB	198, 230, 119
Decimal	15120503
CIELab	77.54, 8.62, 39.18
CIElCh	78, 40.114, 77.594
Yxy	52.4359, 0.4075, 0.4024
Android (android.graphics.Color)	4293310583 (0xFFE6B877)
YUV	190.3440, -35.1726, 34.7783
Hunter-Lab	72.4126, 4.1799, 30.4035

Details

The YUV color **190.3440, -35.1726, 34.7783** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158.6560, 35.1726, -34.7783**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7330, -31.9134, 16.0202**, and **136.1910, -33.1252, 31.4045** is the 20% darker color. If you saturate the color by 10%, you get **181.8520, -42.3250, 42.2258**, and if you desaturate by 10%, it is **198.8360, -28.0201, 27.3308**.

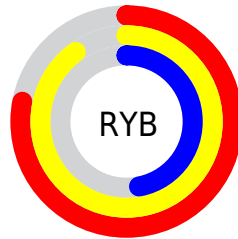
Distribution



Red (90%)

Green (72%)

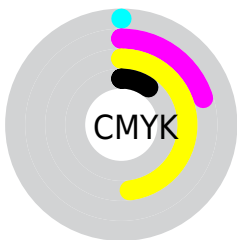
Blue (47%)



Red (78%)

Yellow (90%)

Blue (47%)

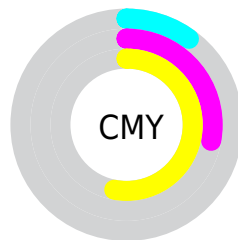


Cyan (0%)

Magenta (20%)

Yellow (48%)

Black (10%)



Cyan (10%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3440, -35.1726, 34.7783 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 190.3440, -35.1726, 34.7783 by changing the saturation by 10% instead.

190.3440,
-35.1726, 34.7783

190.3440,
-35.1726, 34.7783

255.0000, 0.0000,
0.0000

162.9740,
-34.0042, 33.3488

236.7330,
-31.9134, 16.0202

136.1910,
-33.1252, 31.4045

248.7300,
-24.0239, 5.4988

110.4080,
-32.2461, 29.4602

251.9220,
-11.7935, 2.6994

85.5110, -31.8039,
27.6159

61.5430, -30.3407,
24.9568

40.8550, -20.1415,
20.2982

22.2270, -10.9579,

14.7099

■ 0.0000, 0.0000,
0.0000

■ 190.3440,
-35.1726, 34.7783

■ 190.3440,
-35.1726, 34.7783

■ 181.8520,
-42.3250, 42.2258

■ 198.8360,
-28.0201, 27.3308

■ 173.9470,
-49.7669, 49.1585

■ 206.7410,
-20.5783, 20.3981

■ 165.4550,
-56.9193, 56.6060

■ 215.2330,
-13.4259, 12.9507

■ 157.5500,
-64.3611, 63.5387

■ 223.1380, -5.9840,
6.0180

■ 149.0580,
-71.5136, 70.9861

■ 231.6300, 1.1684,
-1.4295

■ 148.0150,
-72.9714, 71.9008

■ 239.3070, 7.7366,
-8.1622

■ 245.1770, 4.8427,
-13.3102

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



192.3540, -26.7965, 54.9405



190.3440, -35.1726, 34.7783



186.7380, -32.9018, 6.3688

Triad

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



190.3440, -35.1726, 34.7783



165.1710, 23.5797, -96.6200



196.4030, 22.4793, 23.3256

Complementary

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



190.3440, -35.1726, 34.7783



158.6560, 35.1726, -34.7783

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.



191.1530, 31.4766, -15.9202



190.3440, -35.1726, 34.7783



165.2750, 39.3044, -100.2192

Square

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



190.3440, -35.1726, 34.7783



175.0880, -0.5364, -61.4672



179.9580, 36.9957, -59.5992



196.0400, 6.3893, 50.8309

Rectangle

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



190.3440, -35.1726, 34.7783



184.0280, -26.1428, -14.9336



179.9580, 36.9957, -59.5992



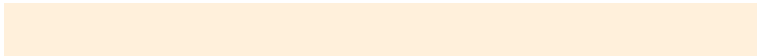
195.2920, 27.4640, 11.1449

Sweetspot

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



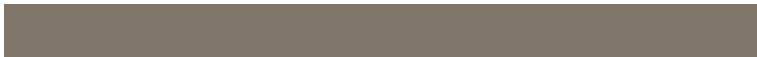
190.3440, -35.1726, 34.7783



242.0910, -11.3839, 11.3212



157.4330, 3.7305, 63.6413



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.



190.3440, -35.1726, 34.7783



202.3210, -46.9933, 46.1995



214.6550, -47.1579, 5.5646



110.6970, -3.7946, 3.7737



115.1560, -56.7719, 55.9912



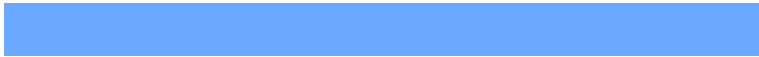
32.8590, -16.1995, 15.9097

Inverse Universe

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



158.6560, 35.1726, -34.7783



159.6790, 46.9933, -46.1995



134.3450, 47.1579, -5.5646



107.3030, 3.7946, -3.7737



63.8440, 56.7719, -55.9912



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 190.3440, -35.1726, 34.7783 looks on a white background.

Color Contrast Check

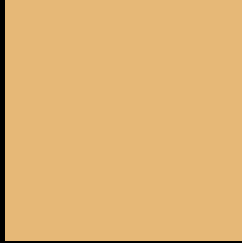
Large Text (above 18pt) WCAG AA × Fail

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 190.3440, -35.1726, 34.7783 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 190.3440, -35.1726, 34.7783

Background



This preview shows how black text looks on a background with the YUV color 190.3440, -35.1726, 34.7783.



This preview shows how white text looks on a background with the YUV color 190.3440, -35.1726, 34.7783.

34.7783.

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

190.3440, -35.1726, 34.7783

Protanopia

189.1030, -33.0818, 17.4497

Deuteranopia

190.3550, -35.1780, 36.5227



Tritanopia

194.8350, -2.8767, 36.1017

Trichromacy



Original Color

190.3440, -35.1726, 34.7783

Protanomaly

189.6200, -33.8297, 24.0123

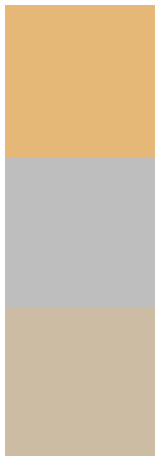
Deuteranomaly

190.0560, -35.0306, 35.9079

Tritanomaly

193.1480, -14.3700, 35.8272

Monochromacy



Original Color

190.3440, -35.1726, 34.7783

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3470, -12.9891, 12.8507

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3440, -35.1726, 34.7783 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(230, 184, 119)` looks like.

```
.text, #text, p{  
    color:rgb(230, 184, 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(230, 184, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 184, 119) }
```

Border

The CSS property to change the border of an element to YUV 190.3440, -35.1726, 34.7783 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(230, 184, 119) }
```


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

```
.border{ border-color:rgb(230, 184, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 184, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 184, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 184, 119);  
box-shadow:4px 4px 4px 4px rgb(230, 184,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 190.3440, -35.1726, 34.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 184, 119) }
```

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

```
.background{ background-color: rgb(230,  
184, 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](#).

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