

Converting Colors

YUV(199.1100, -33.5782,
36.7375)

Have a look what the booklet for
YUV(199.1100, -33.5782, 36.7375)
contains.

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Color

**YUV(199.1100, -33.5782,
36.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BF83
RGB	241, 191, 131
RGB Percent	95%, 75%, 51%
CMY	0.0549, 0.2510, 0.4863
CMYK	0.00, 0.21, 0.46, 0.05
HSL	33°, 80%, 73%
HSV	33°, 46%, 95%
XYZ	59.0032, 57.6011, 29.4810
YIQ	199.1100, 49.0600, -8.0600

Conversions

Conversions Part 2

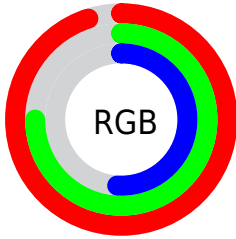
Format	Color
R_{YB}	223, 241, 131
Decimal	15843203
CIE _{Lab}	80.52, 10.51, 37.02
CIE _{LCh}	81, 38.484, 74.151
Yxy	57.6011, 0.4039, 0.3943
Android (android.graphics.Color)	4294033283 (0xFFFF1BF83)
YUV	199.1100, -33.5782, 36.7375
Hunter-Lab	75.8954, 5.9540, 30.0960

Details

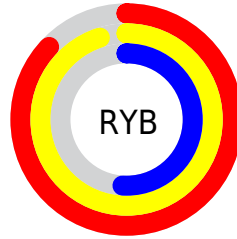
The YUV color $199.1100, -33.5782, 36.7375$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $172.8900, 33.5782, -36.7375$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3240, -28.2607, 11.1169$, and $144.8430, -31.9676, 33.4637$ is the 20% darker color. If you saturate the color by 10%, you get $189.9170, -40.8781, 44.7998$, and if you desaturate by 10%, it is $208.3030, -26.2784, 28.6753$.

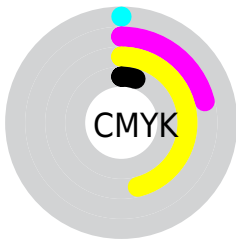
Distribution



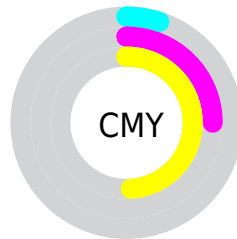
- Red (95%)
- Green (75%)
- Blue (51%)



- Red (87%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1100, -33.5782, 36.7375 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 199.1100, -33.5782, 36.7375 by changing the saturation by 10% instead.

199.1100,
-33.5782, 36.7375

199.1100,
-33.5782, 36.7375

255.0000, 0.0000,
0.0000

171.6260,
-32.8466, 35.4080

242.3240,
-28.2607, 11.1169

144.8430,
-31.9676, 33.4637

250.2120,
-18.3455, 4.1991

118.1740,
-30.6518, 31.4194

253.4040, -6.1152,
1.3997

93.3910, -29.7728,
29.4751

68.9670, -30.0567,
27.2159

46.7800, -23.0625,
23.8719

27.2660, -13.4421,

18.1837

■ 7.1760, -3.5378,
14.7546

■ 0.0000, 0.0000,
0.0000

■ 199.1100,
-33.5782, 36.7375

■ 199.1100,
-33.5782, 36.7375

■ 189.9170,
-40.8781, 44.7998

■ 208.3030,
-26.2784, 28.6753

■ 180.7240,
-48.1779, 52.8621

■ 217.4960,
-18.9785, 20.6130

■ 171.5310,
-55.4778, 60.9243

■ 226.6890,
-11.6787, 12.5507

■ 162.3380,
-62.7776, 68.9866

■ 235.8820, -4.3788,
4.4885

■ 153.0310,
-70.5143, 77.1488

■ 245.0750, 2.9210,
-3.5738

■ 148.9560,
-73.4353, 80.7226

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



198.5320, -23.4333, 49.5224



199.1100, -33.5782, 36.7375



195.7600, -32.9127, 9.8575

Triad

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



199.1100, -33.5782, 36.7375



177.6950, 18.8844, -83.9245



204.3100, 23.5112, 19.0221

Complementary

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



199.1100, -33.5782, 36.7375



172.8900, 33.5782, -36.7375

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.



197.6320, 28.2824, -18.0943



199.1100, -33.5782, 36.7375



177.3040, 35.3461, -90.5976

Square

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



199.1100, -33.5782, 36.7375



185.1490, -3.0315, -54.5047



187.6330, 33.2119, -59.3141



204.0500, 7.8634, 44.6832

Rectangle

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



199.1100, -33.5782, 36.7375



193.2350, -26.7379, -10.7301



187.6330, 33.2119, -59.3141



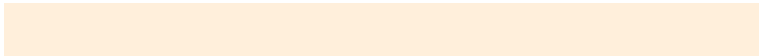
203.1020, 25.5857, 6.9265

Sweetspot

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



199.1100, -33.5782, 36.7375



241.5040, -11.0945, 11.8360



169.7040, 6.0619, 62.5266



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.



199.1100, -33.5782, 36.7375



201.4720, -42.6307, 46.9441



227.2640, -47.4582, 8.5385



115.1100, -3.5052, 4.2885



113.7160, -56.0620, 61.6391



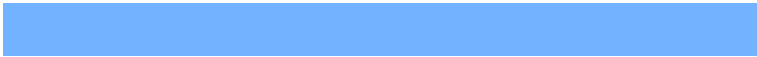
34.9410, -17.2259, 18.4687

Inverse Universe

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



172.8900, 33.5782, -36.7375



167.9410, 42.9201, -46.4293



144.7360, 47.4582, -8.5385



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 199.1100, -33.5782, 36.7375 looks on a white background.

Color Contrast Check

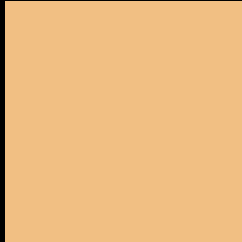
Large Text (above 18pt) WCAG AA × Fail

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 199.1100, -33.5782, 36.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

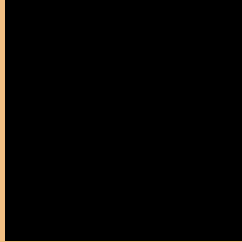
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1100, -33.5782, 36.7375

Background



This preview shows how black text looks on a background with the YUV color 199.1100, -33.5782, 36.7375.



This preview shows how white text looks on a background with the YUV color 199.1100, -33.5782, 36.7375.

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

199.1100, -33.5782, 36.7375

Protanopia

197.6730, -30.8978, 16.9498

Deuteranopia

198.8110, -33.4308, 36.1228



Tritanopia

203.7320, -3.3189, 37.9460

Trichromacy



Original Color

199.1100, -33.5782, 36.7375

Protanomaly

198.4890, -31.7931, 24.1271

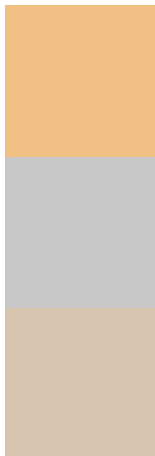
Deuteranomaly

198.8110, -33.4308, 36.1228

Tritanomaly

202.1590, -14.3754, 37.5716

Monochromacy



Original Color

199.1100, -33.5782, 36.7375

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8740, -12.2629, 13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1100, -33.5782, 36.7375 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(241, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 191, 131)  
}
```

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(241, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 131) }
```

Border

The CSS property to change the border of an element to YUV 199.1100, -33.5782, 36.7375 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(241, 191, 131) }
```


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

```
.border{ border-color:rgb(241, 191, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 199.1100, -33.5782, 36.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 191, 131) }
```

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

```
.background{ background-color: rgb(241,  
191, 131) }
```

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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