

Converting Colors

YUV(203.1710, -36.0733,
43.7000)

Have a look what the booklet for
YUV(203.1710, -36.0733, 43.7000)
contains.

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Color

**YUV(203.1710, -36.0733,
43.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC082
RGB	253, 192, 130
RGB Percent	99%, 75%, 51%
CMY	0.0078, 0.2471, 0.4902
CMYK	0.00, 0.24, 0.49, 0.01
HSL	30°, 97%, 75%
HSV	30°, 49%, 99%
XYZ	63.3869, 60.1936, 29.3968
YIQ	203.1710, 56.2580, -6.3500

Conversions

Conversions Part 2

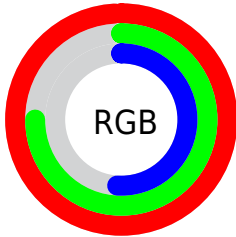
Format	Color
R _Y B	251, 253, 130
Decimal	16629890
CIE Lab	81.94, 14.67, 39.60
CIE LCh	82, 42.234, 69.672
Yxy	60.1936, 0.4144, 0.3935
Android (android.graphics.Color)	4294819970 (0xFFFD082)
YUV	203.1710, -36.0733, 43.7000
Hunter-Lab	77.5846, 10.0623, 31.8442

Details

The YUV color $203.1710, -36.0733, 43.7000$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $179.8290, 36.0733, -43.7000$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7970, -28.9869, 10.7020$, and $148.6050, -34.3153, 39.8114$ is the 20% darker color. If you saturate the color by 10%, you get $192.6900, -43.2312, 52.8919$, and if you desaturate by 10%, it is $213.6520, -28.9154, 34.5082$.

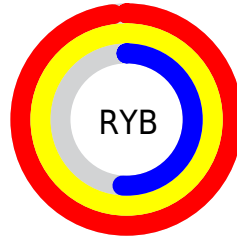
Distribution



Red (99%)

Green (75%)

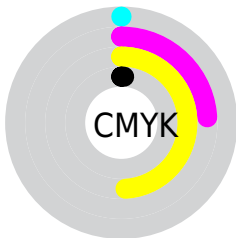
Blue (51%)



Red (98%)

Yellow (99%)

Blue (51%)

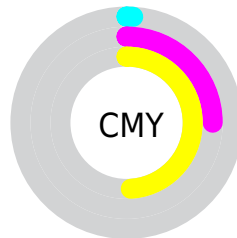


Cyan (0%)

Magenta (24%)

Yellow (49%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.1710, -36.0733, 43.7000 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 203.1710, -36.0733, 43.7000 by changing the saturation by 10% instead.

203.1710,
-36.0733, 43.7000

203.1710,
-36.0733, 43.7000

255.0000, 0.0000,
0.0000

175.3880,
-35.1943, 41.7557

242.7970,
-28.9869, 10.7020

148.6050,
-34.3153, 39.8114

250.0980,
-18.7823, 4.2991

121.9360,
-32.9994, 37.7671

253.2900, -6.5520,
1.4997

96.7400, -32.4098,
35.3080

71.4300, -32.2570,
32.9489

50.0580, -24.6786,
28.8901

29.6580, -14.6214,

23.1019

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 203.1710,
-36.0733, 43.7000

■ 203.1710,
-36.0733, 43.7000

■ 192.6900,
-43.2312, 52.8919

■ 213.6520,
-28.9154, 34.5082

■ 182.6820,
-51.1152, 61.6689

■ 223.6600,
-21.0314, 25.7312

■ 172.2010,
-58.2731, 70.8607

■ 234.1410,
-13.8735, 16.5393

■ 162.3070,
-65.7204, 79.5378

■ 244.0350, -6.4263,
7.8623

■ 151.7120,
-73.3150, 88.8296

254.4020, 0.2948,
-1.2296

■ 150.7830,
-74.3360, 89.6443

Harmonies

Analogous

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



198.9880, -21.6861, 49.1225



203.1710, -36.0733, 43.7000



200.0550, -37.0021, 14.8608

Triad

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



203.1710, -36.0733, 43.7000



177.9280, 18.7695, -93.7759



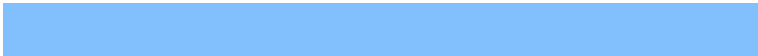
207.2880, 23.5220, 15.5334

Complementary

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



203.1710, -36.0733, 43.7000



179.8290, 36.0733, -43.7000

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.



198.4630, 27.8727, -26.7161



203.1710, -36.0733, 43.7000



172.3010, 39.7846, -114.2740

Square

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



203.1710, -36.0733, 43.7000



188.2260, -6.5204, -55.4492



185.1750, 34.4237, -74.6985



206.5920, 12.5261, 42.4538

Rectangle

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



203.1710, -36.0733, 43.7000



196.8180, -30.9693, -6.8564



185.1750, 34.4237, -74.6985



205.1400, 24.5810, 2.5082

Sweetspot

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



203.1710, -36.0733, 43.7000



239.5150, -11.0999, 13.5803



173.8450, 8.9504, 69.4189



118.3340, -6.5737, 8.4771



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.



203.1710, -36.0733, 43.7000



195.2770, -43.5206, 52.3771



238.9780, -53.7262, 12.2973



122.4090, -3.6526, 4.9033



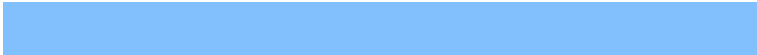
113.4610, -55.9363, 68.0017



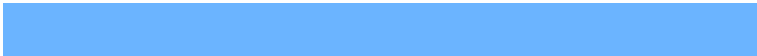
37.9200, -18.6946, 22.8722

Inverse Universe

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



179.8290, 36.0733, -43.7000



166.7230, 43.5206, -52.3771



144.0220, 53.7262, -12.2973



120.0040, 3.9420, -4.3885



77.5390, 55.9363, -68.0017



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 203.1710, -36.0733, 43.7000 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 203.1710, -36.0733, 43.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

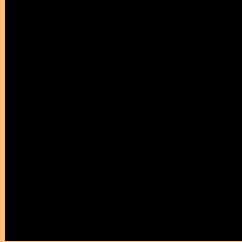
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.1710, -36.0733, 43.7000

Background



This preview shows how black text looks on a background with the YUV color 203.1710, -36.0733, 43.7000.



This preview shows how white text looks on a background with the YUV color 203.1710, -36.0733,

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

203.1710, -36.0733, 43.7000

Protanopia

201.2170, -32.6450, 17.3497

Deuteranopia

202.7250, -36.3464, 37.9522



Tritanopia

207.4120, -4.6401, 41.7347

Trichromacy



Original Color

203.1710, -36.0733, 43.7000

Protanomaly

202.2290, -34.1299, 26.9862

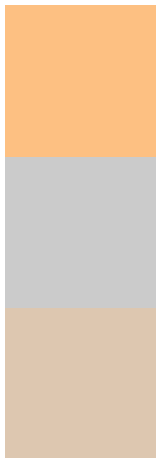
Deuteranomaly

203.0350, -36.4993, 40.3113

Tritanomaly

206.0240, -16.2808, 42.0750

Monochromacy



Original Color

203.1710, -36.0733, 43.7000

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9560, -13.2893, 15.8246

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1710, -36.0733, 43.7000 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(253, 192, 130)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 130)  
}
```

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(253, 192, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 130) }
```

Border

The CSS property to change the border of an element to YUV 203.1710, -36.0733, 43.7000 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(253, 192, 130) }
```


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

```
.border{ border-color:rgb(253, 192, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 192, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 130);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 203.1710, -36.0733, 43.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 130) }
```

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

```
.background{ background-color: rgb(253,  
192, 130) }
```

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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