

Converting Colors

YUV(153.7410, -33.8893,
43.2001)

Have a look what the booklet for
YUV(153.7410, -33.8893, 43.2001)
contains.

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Color

**YUV(153.7410, -33.8893,
43.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8E55
RGB	203, 142, 85
RGB Percent	80%, 56%, 33%
CMY	0.2039, 0.4431, 0.6667
CMYK	0.00, 0.30, 0.58, 0.20
HSL	29°, 53%, 56%
HSV	29°, 58%, 80%
XYZ	35.9413, 32.6984, 13.0114
YIQ	153.7410, 54.6530, -4.7950

Conversions

Conversions Part 2

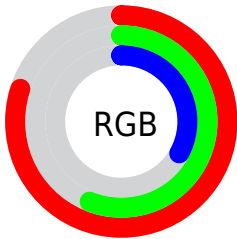
Format	Color
R_{YB}	203, 195, 85
Decimal	13340245
CIE _{Lab}	63.92, 17.10, 39.28
CIE _{LCh}	64, 42.837, 66.470
Yxy	32.6984, 0.4402, 0.4005
Android (android.graphics.Color)	4291530325 (0xFFCB8E55)
YUV	153.7410, -33.8893, 43.2001
Hunter-Lab	57.1825, 12.1244, 26.5368

Details

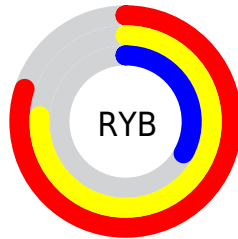
The YUV color **153.7410, -33.8893, 43.2001** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **134.2590, 33.8893, -43.2001**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8010, -34.9049, 42.2705**, and **101.5770, -31.8365, 38.0820** is the 20% darker color. If you saturate the color by 10%, you get **145.5910, -39.7314, 50.3477**, and if you desaturate by 10%, it is **161.8910, -28.0473, 36.0526**.

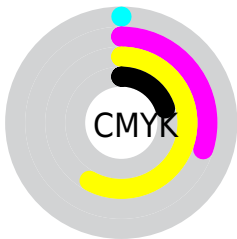
Distribution



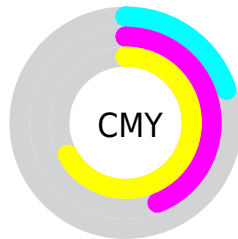
- Red (80%)
- Green (56%)
- Blue (33%)



- Red (80%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (58%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7410, -33.8893, 43.2001 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 153.7410, -33.8893, 43.2001 by changing the saturation by 10% instead.

■ 153.7410,
-33.8893, 43.2001

■ 153.7410,
-33.8893, 43.2001

■ 255.0000, 0.0000,
0.0000

■ 127.0720,
-32.5735, 41.1559

■ 206.8010,
-34.9049, 42.2705

■ 101.5770,
-31.8365, 38.0820

■ 226.3150,
-31.2143, 25.1567

■ 76.2670, -31.6836,
35.7228

■ 245.8290,
-27.5237, 8.0430

■ 53.6240, -26.4366,
32.7788

■ 250.7820,
-16.1615, 3.6992

■ 32.9250, -16.2320,
26.3758

■ 254.0880, -3.4944,
0.7998

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,

0.0000

■ 153.7410,
-33.8893, 43.2001

■ 153.7410,
-33.8893, 43.2001

■ 145.5910,
-39.7314, 50.3477

■ 161.8910,
-28.0473, 36.0526

■ 136.7400,
-45.7208, 58.1100

■ 170.7420,
-22.0578, 28.2903

■ 128.5900,
-51.5629, 65.2576

■ 178.8920,
-16.2158, 21.1427

■ 119.8530,
-57.1155, 72.9199

■ 187.6290,
-10.6631, 13.4804

■ 118.2230,
-58.2839, 74.3494

■ 195.8930, -4.3842,
6.2328

■ 204.6300, 1.1684,
-1.4295

■ 212.7800, 7.0105,
-8.5771

■ 221.5170, 12.5631,
-16.2394

■ 228.2990, 13.1636,
-22.1872

Harmonies

Analogous

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



155.3530, -21.8660, 60.2034



153.7410, -33.8893, 43.2001



150.5930, -36.2813, 17.0199

Triad

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



153.7410, -33.8893, 43.2001



121.1930, 20.1179, -106.2863



158.5090, 28.3431, 9.2006

Complementary

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



153.7410, -33.8893, 43.2001



134.2590, 33.8893, -43.2001

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.



150.1980, 39.8354, -37.0076



153.7410, -33.8893, 43.2001



124.2370, 36.8582, -108.9558

Square

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



153.7410, -33.8893, 43.2001



138.6070, -7.6943, -52.2753



123.5650, 49.5145, -108.3665



159.4180, 13.1049, 43.4834

Rectangle

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



153.7410, -33.8893, 43.2001



148.3130, -31.7063, -3.7825



123.5650, 49.5145, -108.3665



156.8600, 32.6070, -5.1392

Sweetspot

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



153.7410, -33.8893, 43.2001



237.1840, -12.4157, 15.6246



127.4640, 10.1242, 66.2451



116.8180, -7.3053, 9.8066



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.



153.7410, -33.8893, 43.2001



180.7040, -51.1261, 65.1576



187.2000, -50.3846, 13.8566



97.9250, -2.9210, 3.5738



96.5940, -47.6208, 60.8691



21.9280, -10.8105, 14.0951

Inverse Universe

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



134.2590, 33.8893, -43.2001



151.2960, 51.1261, -65.1576



100.8000, 50.3846, -13.8566



96.0750, 2.9210, -3.5738



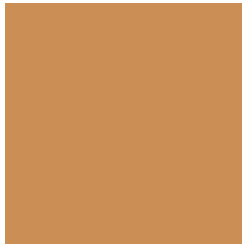
69.4060, 47.6208, -60.8691



16.0720, 10.8105, -14.0951

Previews

White Background



This preview shows how the YUV color 153.7410, -33.8893, 43.2001 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 153.7410, -33.8893, 43.2001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

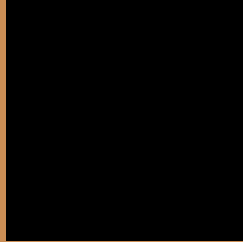
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7410, -33.8893, 43.2001

Background



This preview shows how black text looks on a background with the YUV color 153.7410, -33.8893, 43.2001.



This preview shows how white text looks on a background with the YUV color 153.7410, -33.8893, 43.2001.

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

153.7410, -33.8893, 43.2001

Protanopia

152.0750, -30.6030, 15.7202

Deuteranopia

153.2620, -34.1462, 32.2192



Tritanopia

157.9670, -6.3927, 43.8789

Trichromacy



Original Color

153.7410, -33.8893, 43.2001

Protanomaly

152.5000, -31.7985, 25.8715

Deuteranomaly

153.5830, -34.3044, 36.3227

Tritanomaly

156.6220, -16.5756, 43.3045

Monochromacy



Original Color

153.7410, -33.8893, 43.2001

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1840, -12.4157, 15.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7410, -33.8893, 43.2001 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(203, 142, 85)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 85)  
}
```

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(203, 142, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 85) }
```

Border

The CSS property to change the border of an element to YUV 153.7410, -33.8893, 43.2001 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(203, 142, 85) }
```


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

```
.border{ border-color:rgb(203, 142, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 85);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 153.7410, -33.8893, 43.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 85) }
```

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

```
.background{ background-color: rgb(203,  
142, 85) }
```

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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