

Converting Colors

YUV(172.5080, -33.7744,
53.0515)

Have a look what the booklet for
YUV(172.5080, -33.7744, 53.0515)
contains.

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Color

**YUV(172.5080, -33.7744,
53.0515)**

Conversions

Conversions Part 1

Format	Color
Hex	E99B68
RGB	233, 155, 104
RGB Percent	91%, 61%, 41%
CMY	0.0863, 0.3922, 0.5922
CMYK	0.00, 0.33, 0.55, 0.09
HSL	24°, 75%, 66%
HSV	24°, 55%, 91%
XYZ	47.8243, 41.7658, 18.6377
YIQ	172.5080, 62.8590, 0.6750

Conversions

Conversions Part 2

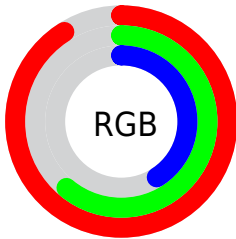
Format	Color
R _Y B	233, 188, 104
Decimal	15309672
CIE Lab	70.71, 23.94, 38.45
CIE LCh	71, 45.295, 58.094
Yxy	41.7658, 0.4419, 0.3859
Android (android.graphics.Color)	4293499752 (0xFFE99B68)
YUV	172.5080, -33.7744, 53.0515
Hunter-Lab	64.6265, 18.9957, 28.1398

Details

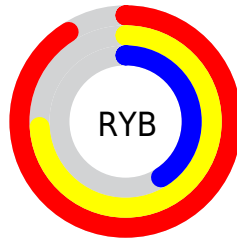
The YUV color **172.5080, -33.7744, 53.0515** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.4920, 33.7744, -53.0515**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2990, -30.2204, 33.0638**, and **118.7570, -31.4322, 48.4481** is the 20% darker color. If you saturate the color by 10%, you get **161.6680, -39.7693, 62.5582**, and if you desaturate by 10%, it is **183.3480, -27.7796, 43.5448**.

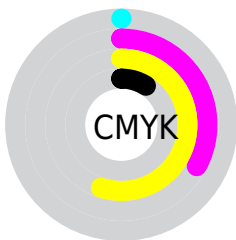
Distribution



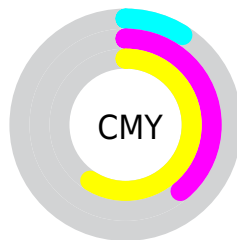
- Red (91%)
- Green (61%)
- Blue (41%)



- Red (91%)
- Yellow (74%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.5080, -33.7744, 53.0515 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 172.5080, -33.7744, 53.0515 by changing the saturation by 10% instead.


 172.5080,
-33.7744, 53.0515


 172.5080,
-33.7744, 53.0515


255.0000, 0.0000,
0.0000

 145.4260,
-32.7480, 50.4924


 217.2990,
-30.2204, 33.0638

 118.7570,
-31.4322, 48.4481


 236.8130,
-26.5298, 15.9500


 93.3760, -30.2584,
45.2742

 249.9840,
-19.2191, 4.3990

 68.0660, -30.1055,
42.9151

 253.2900, -6.5520,
1.4997

 45.9820, -22.6691,
37.7268

 24.4080, -12.0331,
32.9682

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 172.5080,
-33.7744, 53.0515

■ 172.5080,
-33.7744, 53.0515

■ 161.6680,
-39.7693, 62.5582

■ 183.3480,
-27.7796, 43.5448

■ 150.7140,
-46.2010, 72.1648

■ 194.3020,
-21.3479, 33.9381

■ 139.8740,
-52.1959, 81.6715

■ 205.1420,
-15.3530, 24.4315

■ 129.0340,
-58.1908, 91.1782

■ 215.9820, -9.3581,
14.9248

■ 123.6710,
-60.9698, 95.8815

■ 226.9360, -2.9264,
5.3181

■ 238.3630, 2.7790,
-4.7034

■ 247.8350, 3.5323,
-13.0103

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



174.1950, -18.8301, 66.4810



172.5080, -33.7744, 53.0515



170.0350, -39.9503, 27.1563

Triad

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



172.5080, -33.7744, 53.0515



141.5160, 13.5496, -99.5535



175.4520, 34.7802, -2.1504

Complementary

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



172.5080, -33.7744, 53.0515



164.4920, 33.7744, -53.0515

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.



163.4560, 45.1312, -55.6509



172.5080, -33.7744, 53.0515



137.8180, 35.5857, -120.8664

Square

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



172.5080, -33.7744, 53.0515



158.7130, -15.1415, -43.5983



137.9440, 51.2996, -120.9769



177.9920, 19.2309, 38.5950

Rectangle

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



172.5080, -33.7744, 53.0515



167.0000, -36.9750, 6.1390



137.9440, 51.2996, -120.9769



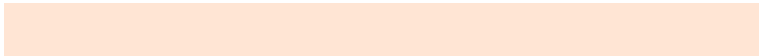
172.3790, 38.7602, -18.7494

Sweetspot

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



172.5080, -33.7744, 53.0515



234.8360, -11.2581, 17.6838



151.6910, 15.9283, 71.3080



115.6440, -6.7265, 10.8362



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.



172.5080, -33.7744, 53.0515



175.9740, -43.8642, 69.3058



209.4890, -52.0061, 20.6191



111.6370, -2.7790, 4.7034



96.3830, -47.5168, 74.2091



28.4730, -14.0372, 22.3872

Inverse Universe

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



164.4920, 33.7744, -53.0515



165.4390, 44.1536, -68.7910



127.5110, 52.0061, -20.6191



111.3630, 2.7790, -4.7034



84.6170, 47.5168, -74.2091



24.9400, 14.3266, -21.8724

Previews

White Background



This preview shows how the YUV color 172.5080, -33.7744, 53.0515 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 172.5080, -33.7744, 53.0515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

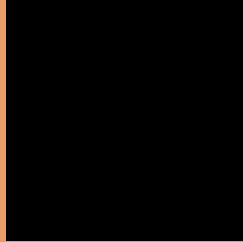
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5080, -33.7744, 53.0515

Background



This preview shows how black text looks on a background with the YUV color 172.5080, -33.7744, 53.0515.



This preview shows how white text looks on a background with the YUV color 172.5080, -33.7744,

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

172.5080, -33.7744, 53.0515

Protanopia

170.7160, -29.4400, 16.0351

Deuteranopia

171.5720, -34.2990, 34.5784



Tritanopia

175.8650, -8.3144, 53.6154

Trichromacy



Original Color

172.5080, -33.7744, 53.0515

Protanomaly

171.0490, -31.0832, 29.7750

Deuteranomaly

171.7300, -33.8839, 41.4558

Tritanomaly

175.0470, -17.7712, 53.4558

Monochromacy



Original Color

172.5080, -33.7744, 53.0515

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6190, -12.1372, 19.6281

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5080, -33.7744, 53.0515 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(233, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(233, 155, 104)  
}
```

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(233, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 155, 104) }
```

Border

The CSS property to change the border of an element to YUV 172.5080, -33.7744, 53.0515 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(233, 155, 104) }
```


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

```
.border{ border-color:rgb(233, 155, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(233, 155,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 172.5080, -33.7744, 53.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 155, 104) }
```

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

```
.background{ background-color: rgb(233,  
155, 104) }
```

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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