

Converting Colors

YUV(172.4110, -33.7266,
-9.1304)

Have a look what the booklet for
YUV(172.4110, -33.7266, -9.1304)
contains.

YUV(172.4110, -33.7266, -9.1304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.4110, -33.7266,
-9.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BF68
RGB	162, 191, 104
RGB Percent	64%, 75%, 41%
CMY	0.3647, 0.2510, 0.5922
CMYK	0.15, 0.00, 0.46, 0.25
HSL	80°, 40%, 58%
HSV	80°, 46%, 75%
XYZ	36.0298, 45.9425, 20.0655
YIQ	172.4110, 10.6430, -33.2050

Conversions

Conversions Part 2

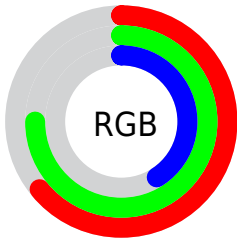
Format	Color
RYB	104, 191, 133
Decimal	10665832
CIELab	73.51, -23.95, 40.51
CIELCh	74, 47.060, 120.589
Yxy	45.9425, 0.3531, 0.4502
Android (android.graphics.Color)	4288855912 (0xFFA2BF68)
YUV	172.4110, -33.7266, -9.1304
Hunter-Lab	67.7809, -23.7326, 29.8947

Details

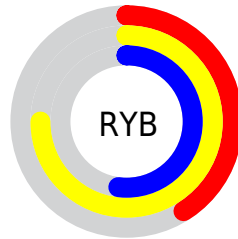
The YUV color **172.4110, -33.7266, -9.1304** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **122.5890, 33.7266, 9.1304**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0690, -35.0370, -8.8305**, and **119.1660, -32.1268, -8.9156** is the 20% darker color. If you saturate the color by 10%, you get **168.4510, -41.1413, -10.9195**, and if you desaturate by 10%, it is **176.3710, -26.3119, -7.3414**.

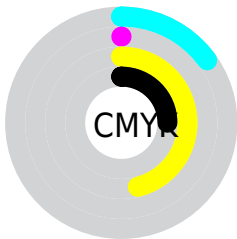
Distribution



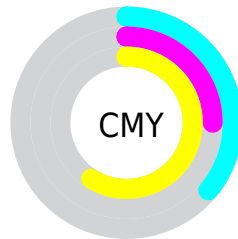
- Red (64%)
- Green (75%)
- Blue (41%)



- Red (41%)
- Yellow (75%)
- Blue (52%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (25%)



- Cyan (36%)
- Magenta (25%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4110, -33.7266, -9.1304 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 172.4110, -33.7266, -9.1304 by changing the saturation by 10% instead.

■ 172.4110,
-33.7266, -9.1304

■ 172.4110,
-33.7266, -9.1304

■ 255.0000, 0.0000,
0.0000

■ 145.6390,
-32.8530, -9.3304

■ 228.0690,
-35.0370, -8.8305

■ 119.1660,
-32.1268, -8.9156

■ 244.5140,
-29.8334, 2.1802

■ 93.8670, -31.9794,
-9.5304

■ 250.0980,
-18.7823, 4.2991

■ 68.4110, -33.7266,
-9.1304

■ 253.4040, -6.1152,
1.3997

■ 48.0330, -23.6803,
-11.4299

■ 26.4480, -13.0389,
-17.9329

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 172.4110,
-33.7266, -9.1304

■ 172.4110,
-33.7266, -9.1304

■ 168.4510,
-41.1413, -10.9195

■ 176.3710,
-26.3119, -7.3414

■ 164.1920,
-48.4087, -13.3234

■ 180.6300,
-19.0446, -4.9375

■ 160.2320,
-55.8234, -15.1125

■ 184.5900,
-11.6299, -3.1484

■ 156.2720,
-63.2381, -16.9015

■ 188.5500, -4.2151,
-1.3593

■ 152.0130,
-70.5054, -19.3054

■ 192.8090, 3.0522,
1.0445

■ 150.0900,
-73.9944, -20.2499

■ 196.8830, 10.9037,
2.7336

■ 201.1420, 18.1710,
5.1375

■ 204.8740, 24.7121,
7.1265

■ 206.6680, 23.8277,
10.8152

Harmonies

Analogous

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



176.5680, -41.6920, 25.8119



172.4110, -33.7266, -9.1304



164.7230, -13.6674, -49.7461

Triad

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



172.4110, -33.7266, -9.1304



144.1220, 54.6629, -126.3950



181.9940, -0.4900, 64.0263

Complementary

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



172.4110, -33.7266, -9.1304



122.5890, 33.7266, 9.1304

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.



185.6120, 18.9253, 43.3133



172.4110, -33.7266, -9.1304



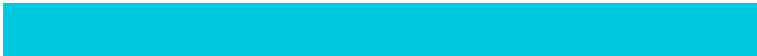
170.8540, 41.4840, -52.4920

Square

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



172.4110, -33.7266, -9.1304



143.9960, 38.9490, -126.2845



183.5880, 35.2061, 1.2383



180.1410, -20.2825, 65.6513

Rectangle

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



172.4110, -33.7266, -9.1304



155.0250, 4.9177, -84.2139



183.5880, 35.2061, 1.2383



184.5790, 5.6306, 60.8822

Sweetspot

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



172.4110, -33.7266, -9.1304



239.8350, -13.2297, -3.3633



147.0360, -21.2167, 38.5564



120.5130, -8.1409, -2.2039



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.4110, -33.7266, -9.1304



218.0410, -52.7712, -14.0680



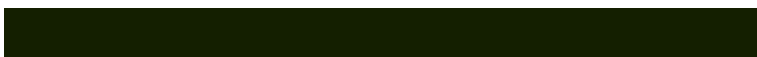
159.2550, -27.2407, -36.1806



92.0770, -3.4890, -0.9445



124.1410, -61.2015, -16.7867



24.1770, -11.9193, -3.6632

Inverse Universe

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



122.5890, 33.7266, 9.1304



140.2580, 52.6238, 14.6827



135.7450, 27.2407, 36.1806



86.9230, 3.4890, 0.9445



33.8590, 61.2015, 16.7867



6.5240, 12.0667, 3.0485

Previews

White Background



This preview shows how the YUV color 172.4110, -33.7266, -9.1304 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 172.4110, -33.7266, -9.1304 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 172.4110, -33.7266, -9.1304 Background



This preview shows how black text looks on a background with the YUV color 172.4110, -33.7266, -9.1304.



This preview shows how white text looks on a background with the YUV color 172.4110, -33.7266, -9.1304.

-9.1304.

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

172.4110, -33.7266, -9.1304

Protanopia

176.2620, -37.5972, 19.0642

Deuteranopia

178.5720, -34.2990, 34.5784



Tritanopia

180.5030, 7.1470, -5.7031

Trichromacy



Original Color

172.4110, -33.7266, -9.1304

Protanomaly

174.8370, -36.4016, 8.9130

Deuteranomaly

176.4730, -34.2502, 18.8792

Tritanomaly

177.8930, -7.8352, -6.9222

Monochromacy



Original Color

172.4110, -33.7266, -9.1304

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0630, -12.3561, -3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4110, -33.7266, -9.1304 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(162, 191, 104)` looks like.

```
.text, #text, p{  
    color:rgb(162, 191, 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(162, 191, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 191, 104) }
```

Border

The CSS property to change the border of an element to YUV 172.4110, -33.7266, -9.1304 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(162, 191, 104) }
```


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

```
.border{ border-color:rgb(162, 191, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 191, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 191, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 191, 104); box-shadow:4px 4px 4px 4px rgb(162, 191, 104) }
```

Background

The CSS property to change the background color of an element to YUV 172.4110, -33.7266, -9.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 191, 104) }
```

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

```
.background{ background-color: rgb(162,  
191, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor