

Converting Colors

YUV(157.7140, -36.3410,
36.2078)

Have a look what the booklet for
YUV(157.7140, -36.3410, 36.2078)
contains.

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Color

**YUV(157.7140, -36.3410,
36.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	C79754
RGB	199, 151, 84
RGB Percent	78%, 59%, 33%
CMY	0.2196, 0.4078, 0.6706
CMYK	0.00, 0.24, 0.58, 0.22
HSL	35°, 51%, 55%
HSV	35°, 58%, 78%
XYZ	36.2200, 34.9154, 13.2179
YIQ	157.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

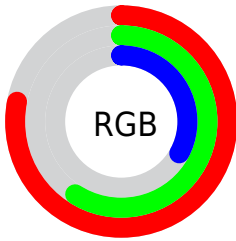
Format	Color
RYB	166, 199, 84
Decimal	13080404
CIELab	65.68, 10.42, 41.80
CIELCh	66, 43.082, 76.006
Yxy	34.9154, 0.4294, 0.4139
Android (android.graphics.Color)	4291270484 (0xFFC79754)
YUV	157.7140, -36.3410, 36.2078
Hunter-Lab	59.0893, 6.0091, 28.0997

Details

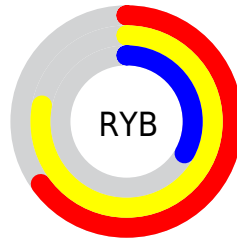
The YUV color **157.7140, -36.3410, 36.2078** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **125.2860, 36.3410, -36.2078**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9700, -37.9462, 37.7373**, and **105.1480, -34.5830, 32.3192** is the 20% darker color. If you saturate the color by 10%, you get **150.7380, -42.7618, 42.3258**, and if you desaturate by 10%, it is **164.6900, -29.9202, 30.0899**.

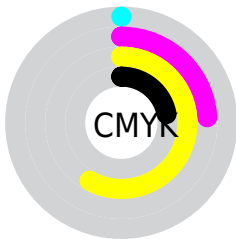
Distribution



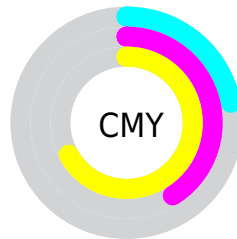
- Red (78%)
- Green (59%)
- Blue (33%)



- Red (65%)
- Yellow (78%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (58%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7140, -36.3410, 36.2078 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 157.7140, -36.3410, 36.2078 by changing the saturation by 10% instead.

■ 157.7140,
-36.3410, 36.2078

■ 157.7140,
-36.3410, 36.2078

■ 255.0000, 0.0000,
0.0000

■ 130.9310,
-35.4620, 34.2635

■ 211.9700,
-37.9462, 37.7373

■ 105.1480,
-34.5830, 32.3192

■ 231.4840,
-34.2556, 20.6235

■ 79.6100, -35.3037,
30.1600

■ 247.4760,
-28.8287, 6.5985

■ 58.0100, -28.5989,
26.3012

■ 250.7820,
-16.1615, 3.6992

■ 37.6100, -18.5417,
20.5130

■ 253.9740, -3.9312,
0.8998

■ 17.8080, -8.7793,
15.9544

■ 0.0000, 0.0000,

0.0000

■ 157.7140,
-36.3410, 36.2078

■ 157.7140,
-36.3410, 36.2078

■ 150.7380,
-42.7618, 42.3258

■ 164.6900,
-29.9202, 30.0899

■ 143.1750,
-48.8933, 48.9585

■ 172.2530,
-23.7887, 23.4571

■ 136.1990,
-55.3141, 55.0765

■ 179.2290,
-17.3679, 17.3392

■ 129.2230,
-61.7349, 61.1944

■ 186.2050,
-10.9471, 11.2212

■ 127.5930,
-62.9033, 62.6239

■ 193.7680, -4.8156,
4.5885

■ 200.6300, 1.1684,
-1.4295

■ 207.6060, 7.5892,
-7.5475

■ 214.5820, 14.0101,
-13.6654

■ 221.2330, 16.6471,
-19.4983

Harmonies

Analogous

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



159.4790, -26.3651, 56.5849



157.7140, -36.3410, 36.2078



154.4670, -35.2332, 7.4834

Triad

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



157.7140, -36.3410, 36.2078



126.1800, 26.5333, -110.6599



164.1470, 24.0845, 21.7961

Complementary

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



157.7140, -36.3410, 36.2078



125.2860, 36.3410, -36.2078

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.



158.6130, 37.1658, -20.7086



157.7140, -36.3410, 36.2078



128.2950, 42.2526, -112.5147

Square

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



157.7140, -36.3410, 36.2078



138.9840, 0.5009, -67.5150



141.1280, 45.7859, -79.0423



163.3930, 7.6943, 52.2753

Rectangle

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



157.7140, -36.3410, 36.2078



151.5720, -27.8900, -14.5336



141.1280, 45.7859, -79.0423



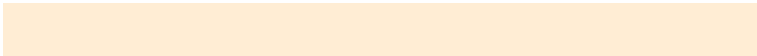
162.7370, 29.2167, 9.0007

Sweetspot

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



157.7140, -36.3410, 36.2078



239.5320, -13.5733, 13.5654



124.0850, 4.8881, 65.7005



118.5790, -8.1734, 8.2622



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.



157.7140, -36.3410, 36.2078



192.0850, -55.7509, 55.1765



183.4980, -49.0525, 6.5793



95.6260, -2.7736, 2.9590



104.5020, -51.5195, 51.3027



23.0910, -11.3839, 11.3212

Inverse Universe

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



125.2860, 36.3410, -36.2078



141.9150, 55.7509, -55.1765



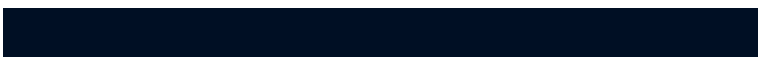
99.5020, 49.0525, -6.5793



93.3740, 2.7736, -2.9590



58.4980, 51.5195, -51.3027



12.9090, 11.3839, -11.3212

Previews

White Background



This preview shows how the YUV color 157.7140, -36.3410, 36.2078 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 157.7140, -36.3410, 36.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

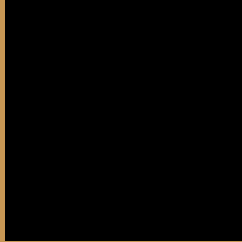
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.7140, -36.3410, 36.2078

Background



This preview shows how black text looks on a background with the YUV color 157.7140, -36.3410, 36.2078.



This preview shows how white text looks on a background with the YUV color 157.7140, -36.3410, 36.2078.

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

157.7140, -36.3410, 36.2078

Protanopia

156.4620, -34.2448, 17.1348

Deuteranopia

157.4040, -36.1882, 33.8487



Tritanopia

162.7920, -4.3345, 37.0164

Trichromacy



Original Color

157.7140, -36.3410, 36.2078

Protanomaly

156.9790, -34.9926, 23.6974

Deuteranomaly

157.7030, -36.3356, 34.4635

Tritanomaly

161.1050, -15.8278, 36.7419

Monochromacy



Original Color

157.7140, -36.3410, 36.2078

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6460, -13.1365, 13.4655

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7140, -36.3410, 36.2078 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(199, 151, 84)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 84)  
}
```

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(199, 151, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 84) }
```

Border

The CSS property to change the border of an element to YUV 157.7140, -36.3410, 36.2078 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(199, 151, 84) }
```


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

```
.border{ border-color:rgb(199, 151, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 151, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 151, 84);  
box-shadow:4px 4px 4px 4px rgb(199, 151,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 157.7140, -36.3410, 36.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 84) }
```

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

```
.background{ background-color: rgb(199,  
151, 84) }
```

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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