

Converting Colors

YUV(147.7210, -33.3865,
68.6507)

Have a look what the booklet for
YUV(147.7210, -33.3865, 68.6507)
contains.

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Color

**YUV(147.7210, -33.3865,
68.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	E27950
RGB	226, 121, 80
RGB Percent	89%, 47%, 31%
CMY	0.1137, 0.5255, 0.6863
CMYK	0.00, 0.46, 0.65, 0.11
HSL	17°, 72%, 60%
HSV	17°, 65%, 89%
XYZ	39.6494, 30.4227, 11.3718
YIQ	147.7210, 75.7410, 9.5090

Conversions

Conversions Part 2

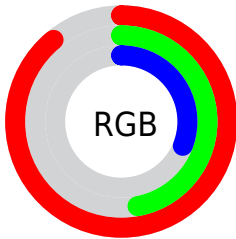
Format	Color
R _Y B	226, 137, 80
Decimal	14842192
CIE Lab	62.02, 37.32, 40.33
CIE LCh	62, 54.942, 47.221
Yxy	30.4227, 0.4868, 0.3735
Android (android.graphics.Color)	4293032272 (0xFFE27950)
YUV	147.7210, -33.3865, 68.6507
Hunter-Lab	55.1568, 31.7902, 26.3857

Details

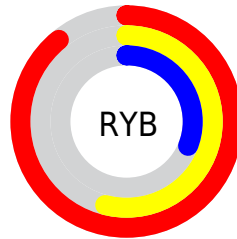
The YUV color **147.7210, -33.3865, 68.6507** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **158.2790, 33.3865, -68.6507**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7900, -31.4485, 53.6812**, and **94.1870, -30.1652, 62.1030** is the 20% darker color. If you saturate the color by 10%, you get **135.7070, -38.8026, 79.1870**, and if you desaturate by 10%, it is **159.7350, -27.9704, 58.1144**.

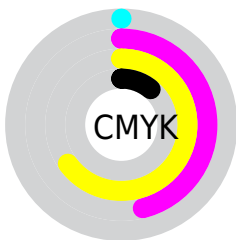
Distribution



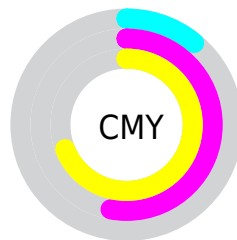
- Red (89%)
- Green (47%)
- Blue (31%)



- Red (89%)
- Yellow (54%)
- Blue (31%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7210, -33.3865, 68.6507 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 147.7210, -33.3865, 68.6507 by changing the saturation by 10% instead.

■ 147.7210,
-33.3865, 68.6507

■ 147.7210,
-33.3865, 68.6507

■ 255.0000, 0.0000,
0.0000

■ 120.4540,
-31.7758, 65.3768

■ 193.7900,
-31.4485, 53.6812

■ 94.1870, -30.1652,
62.1030

■ 213.3040,
-27.7579, 36.5674

■ 68.1050, -29.1388,
59.5439

■ 232.8180,
-24.0673, 19.4536

■ 42.5590, -20.9816,
56.5148

■ 250.0980,
-18.7823, 4.2991

■ 23.3220, -11.4977,
47.9526

■ 253.2900, -6.5520,
1.4997

■ 15.6620, -7.2284,
31.8684

■ 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 147.7210,
-33.3865, 68.6507

■ 147.7210,
-33.3865, 68.6507

■ 135.7070,
-38.8026, 79.1870

■ 159.7350,
-27.9704, 58.1144

■ 123.2200,
-43.4925, 90.1381

■ 172.2220,
-23.2804, 47.1633

■ 111.2060,
-48.9086, 100.6743

■ 184.2360,
-17.8643, 36.6270

■ 104.5550,
-51.5456, 106.5073

■ 196.1360,
-12.8850, 26.1907

■ 208.1500, -7.4690,
15.6544

■ 220.7510, -2.3422,
4.6034

■ 232.6510, 2.6371,
-5.8329

■ 243.9810, 5.4324,
-15.7693

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



148.7050, -12.1796, 80.0657



147.7210, -33.3865, 68.6507



145.8860, -47.2718, 42.1960

Triad

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



147.7210, -33.3865, 68.6507



115.4420, 5.6981, -101.2426



146.9030, 47.3758, -28.8559

Complementary

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



147.7210, -33.3865, 68.6507



158.2790, 33.3865, -68.6507

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.



122.4370, 60.4236, -107.3772



147.7210, -33.3865, 68.6507



122.3160, 26.9592, -107.2711

Square

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



147.7210, -33.3865, 68.6507



134.9560, -27.0933, -36.7954



124.8700, 46.8991, -109.5110



154.3250, 30.8988, 29.5330

Rectangle

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



147.7210, -33.3865, 68.6507



143.1020, -48.3643, 19.2045



124.8700, 46.8991, -109.5110



139.2200, 53.1355, -56.3209

Sweetspot

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



147.7210, -33.3865, 68.6507



228.9830, -10.8376, 22.8169



135.8520, 25.2160, 79.0598



111.6660, -6.7373, 14.3249



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.



147.7210, -33.3865, 68.6507



148.3730, -45.5399, 93.5119



189.3980, -53.9332, 32.1000



106.0500, -2.4896, 5.2182



81.3870, -40.1238, 82.9756



22.5700, -11.1270, 22.3021

Inverse Universe

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



158.2790, 33.3865, -68.6507



162.6270, 45.5399, -93.5119



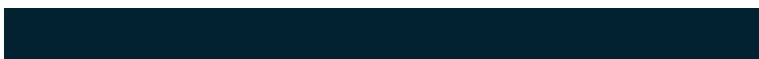
116.6020, 53.9332, -32.1000



106.9500, 2.4897, -5.2181



94.6130, 40.1238, -82.9756



26.0170, 10.8376, -22.8169

Previews

White Background



This preview shows how the YUV color 147.7210, -33.3865, 68.6507 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 147.7210, -33.3865, 68.6507 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 147.7210, -33.3865, 68.6507

Background



This preview shows how black text looks on a background with the YUV color 147.7210, -33.3865, 68.6507.



This preview shows how white text looks on a background with the YUV color 147.7210, -33.3865,

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

147.7210, -33.3865, 68.6507

Protanopia

147.3460, -28.2716, 14.6056

Deuteranopia

147.8060, -35.8934, 32.6191



Tritanopia

150.6990, -13.1626, 68.6700

Trichromacy



Original Color

147.7210, -33.3865, 68.6507

Protanomaly

147.3100, -30.2258, 34.8081

Deuteranomaly

147.8230, -34.9157, 45.7592

Tritanomaly

149.7500, -20.5828, 68.6252

Monochromacy



Original Color

147.7210, -33.3865, 68.6507

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6520, -12.1534, 24.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7210, -33.3865, 68.6507 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(226, 121, 80)` looks like.

```
.text, #text, p{  
    color:rgb(226, 121, 80)  
}
```

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(226, 121, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 121, 80) }
```

Border

The CSS property to change the border of an element to YUV 147.7210, -33.3865, 68.6507 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(226, 121, 80) }
```


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

```
.border{ border-color:rgb(226, 121, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 121, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 121, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 121, 80);  
box-shadow:4px 4px 4px 4px rgb(226, 121,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 147.7210, -33.3865, 68.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 121, 80) }
```

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

```
.background{ background-color: rgb(226,  
121, 80) }
```

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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