

Converting Colors

YUV(159.2510, -30.6897,
43.6299)

Have a look what the booklet for
YUV(159.2510, -30.6897, 43.6299)
contains.

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Color

**YUV(159.2510, -30.6897,
43.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	D19261
RGB	209, 146, 97
RGB Percent	82%, 57%, 38%
CMY	0.1804, 0.4275, 0.6196
CMYK	0.00, 0.30, 0.54, 0.18
HSL	26°, 55%, 60%
HSV	26°, 54%, 82%
XYZ	38.7310, 34.9761, 16.0190
YIQ	159.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

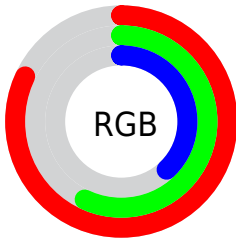
Format	Color
R_{YB}	209, 184, 97
Decimal	13734497
CIE _{Lab}	65.73, 18.40, 35.33
CIE _{LCh}	66, 39.838, 62.485
Yxy	34.9761, 0.4317, 0.3898
Android (android.graphics.Color)	4291924577 (0xFFD19261)
YUV	159.2510, -30.6897, 43.6299
Hunter-Lab	59.1406, 13.4031, 25.3390

Details

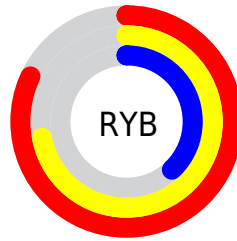
The YUV color **159.2510, -30.6897, 43.6299** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.7490, 30.6897, -43.6299**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5170, -30.8209, 39.0116**, and **106.5000, -28.3475, 39.0265** is the 20% darker color. If you saturate the color by 10%, you get **149.8130, -36.3898, 51.9070**, and if you desaturate by 10%, it is **168.6890, -24.9897, 35.3527**.

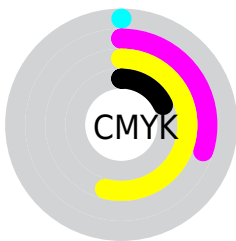
Distribution



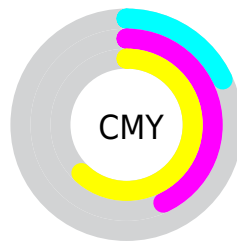
- Red (82%)
- Green (57%)
- Blue (38%)



- Red (82%)
- Yellow (72%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.2510, -30.6897, 43.6299 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 159.2510, -30.6897, 43.6299 by changing the saturation by 10% instead.


 159.2510,
-30.6897, 43.6299


 159.2510,
-30.6897, 43.6299


255.0000, 0.0000,
0.0000


 132.5820,
-29.3739, 41.5856


 210.5170,
-30.8209, 39.0116


 106.5000,
-28.3475, 39.0265


 230.0310,
-27.1303, 21.8978


 81.4180, -27.3211,
36.4674

 249.0720,
-22.7135, 5.1989

 57.6950, -27.4576,
33.5935

 252.2640,
-10.4832, 2.3995

 36.7790, -18.1320,
29.1348

 16.0910, -7.9329,
24.4762

 0.0000, 0.0000,

0.0000

■ 159.2510,
-30.6897, 43.6299

■ 159.2510,
-30.6897, 43.6299

■ 149.8130,
-36.3898, 51.9070

■ 168.6890,
-24.9897, 35.3527

■ 140.3750,
-42.0899, 60.1841

■ 178.1270,
-19.2896, 27.0756

■ 131.5240,
-48.0793, 67.9465

■ 186.9780,
-13.3002, 19.3133

■ 122.0860,
-53.7794, 76.2236

■ 196.4160, -7.6001,
11.0362

■ 115.9080,
-57.1426, 81.6417

■ 205.8540, -1.9000,
2.7590

■ 215.1780, 3.3632,
-5.4181

■ 224.0290, 9.3527,
-13.1804

■ 232.4410, 11.1216,
-20.5578

■ 239.4850, 7.6489,
-26.7353

Harmonies

Analogous

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



160.8410, -18.6556, 57.1444



159.2510, -30.6897, 43.6299



157.0710, -34.5450, 20.1087

Triad

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



159.2510, -30.6897, 43.6299



133.7180, 13.9430, -85.6987



162.4760, 28.3593, 3.9675

Complementary

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



159.2510, -30.6897, 43.6299



146.7490, 30.6897, -43.6299

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.



154.3180, 37.8042, -38.8669



159.2510, -30.6897, 43.6299



126.3570, 34.8270, -110.8151

Square

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



159.2510, -30.6897, 43.6299



146.8640, -10.7790, -42.8537



132.8500, 43.9509, -97.2154



164.3140, 14.1422, 37.4356

Rectangle

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



159.2510, -30.6897, 43.6299



154.2750, -30.7016, 0.6358



132.8500, 43.9509, -97.2154



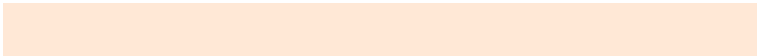
161.0120, 32.0391, -9.6575

Sweetspot

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



159.2510, -30.6897, 43.6299



236.8250, -11.2527, 15.9395



137.6700, 11.0087, 62.5564



116.9320, -6.8685, 9.7066



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.



159.2510, -30.6897, 43.6299



182.4140, -44.5741, 63.6579



192.1230, -46.8956, 14.8011



100.2240, -3.0684, 4.1886



93.6700, -46.1793, 65.1874



22.8250, -11.2527, 15.9395

Inverse Universe

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



146.7490, 30.6897, -43.6299



164.5860, 44.5741, -63.6579



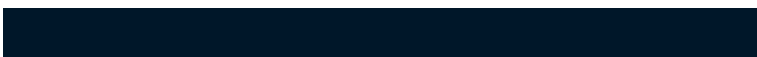
113.8770, 46.8956, -14.8011



98.7760, 3.0684, -4.1886



74.9170, 45.8899, -65.7022



18.1750, 11.2527, -15.9395

Previews

White Background



This preview shows how the YUV color 159.2510, -30.6897, 43.6299 looks on a white background.

Color Contrast Check

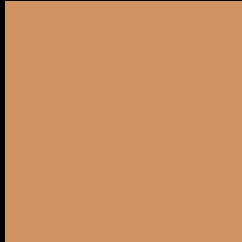
Large Text (above 18pt) WCAG AA × Fail

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 159.2510, -30.6897, 43.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

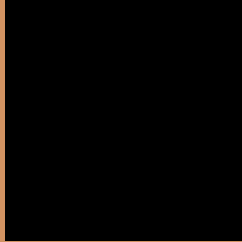
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2510, -30.6897, 43.6299

Background



This preview shows how black text looks on a background with the YUV color 159.2510, -30.6897, 43.6299.



This preview shows how white text looks on a background with the YUV color 159.2510, -30.6897,

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

159.2510, -30.6897, 43.6299

Protanopia

157.5740, -27.3980, 14.4056

Deuteranopia

158.7610, -30.9412, 30.9046



Tritanopia

162.3800, -6.1033, 44.3937

Trichromacy



Original Color

159.2510, -30.6897, 43.6299

Protanomaly

158.2980, -28.7409, 25.1717

Deuteranomaly

158.4950, -30.8100, 35.5229

Tritanomaly

161.6760, -15.1233, 44.1341

Monochromacy



Original Color

159.2510, -30.6897, 43.6299

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8250, -11.2527, 15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2510, -30.6897, 43.6299 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(209, 146, 97)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 97)  
}
```

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(209, 146, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 97) }
```

Border

The CSS property to change the border of an element to YUV 159.2510, -30.6897, 43.6299 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(209, 146, 97) }
```


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

```
.border{ border-color:rgb(209, 146, 97) }
```

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

Here you see how a box with a 4 pixel rgb(209, 146, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 97);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 159.2510, -30.6897, 43.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 97) }
```

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

```
.background{ background-color: rgb(209,  
146, 97) }
```

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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