

Converting Colors

YUV(159.6530, -30.3949,
42.4003)

Have a look what the booklet for
YUV(159.6530, -30.3949, 42.4003)
contains.

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Color

**YUV(159.6530, -30.3949,
42.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	D09362
RGB	208, 147, 98
RGB Percent	82%, 58%, 38%
CMY	0.1843, 0.4235, 0.6157
CMYK	0.00, 0.29, 0.53, 0.18
HSL	27°, 54%, 60%
HSV	27°, 53%, 82%
XYZ	38.6507, 35.1592, 16.3046
YIQ	159.6530, 52.0850, -2.3070

Conversions

Conversions Part 2

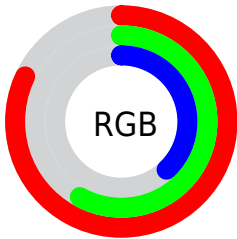
Format	Color
R _Y B	208, 186, 98
Decimal	13669218
CIE Lab	65.87, 17.53, 34.95
CIE LCh	66, 39.106, 63.359
Yxy	35.1592, 0.4289, 0.3902
Android (android.graphics.Color)	4291859298 (0xFFD09362)
YUV	159.6530, -30.3949, 42.4003
Hunter-Lab	59.2952, 12.5862, 25.2035

Details

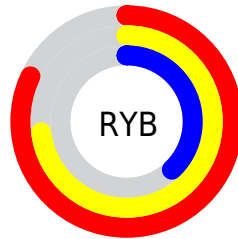
The YUV color **159.6530, -30.3949, 42.4003** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.3470, 30.3949, -42.4003**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2180, -30.6735, 38.3968**, and **107.2010, -28.2001, 38.4117** is the 20% darker color. If you saturate the color by 10%, you get **150.2150, -36.0950, 50.6774**, and if you desaturate by 10%, it is **169.0910, -24.6949, 34.1232**.

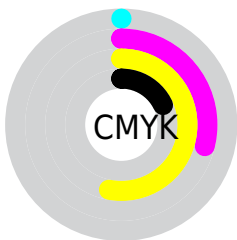
Distribution



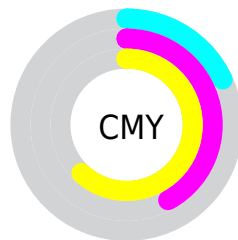
- Red (82%)
- Green (58%)
- Blue (38%)



- Red (82%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (18%)




- Cyan (18%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.6530, -30.3949, 42.4003 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 159.6530, -30.3949, 42.4003 by changing the saturation by 10% instead.


 159.6530,
-30.3949, 42.4003


 159.6530,
-30.3949, 42.4003


255.0000, 0.0000,
0.0000

 132.9840,
-29.0791, 40.3560


 211.2180,
-30.6735, 38.3968

 107.2010,
-28.2001, 38.4117


 230.7320,
-26.9829, 21.2830


 82.1190, -27.1737,
35.8526

 249.1860,
-22.2767, 5.0989

 58.0970, -27.1628,
32.3639

 252.3780,
-10.0464, 2.2995

 37.0670, -18.2740,
28.0052

 16.3790, -8.0748,
23.3466

 0.0000, 0.0000,

0.0000

■ 159.6530,
-30.3949, 42.4003

■ 159.6530,
-30.3949, 42.4003

■ 150.2150,
-36.0950, 50.6774

■ 169.0910,
-24.6949, 34.1232

■ 141.3640,
-42.0845, 58.4398

■ 177.9420,
-18.7054, 26.3609

■ 132.0400,
-47.3477, 66.6169

■ 187.2660,
-13.4421, 18.1837

■ 123.1890,
-53.3372, 74.3792

■ 196.1170, -7.4527,
10.4214

■ 116.7830,
-57.5740, 79.9973

■ 205.5550, -1.7526,
2.1443

■ 214.4060, 4.2368,
-5.6181

■ 223.8440, 9.9369,
-13.8952

■ 231.5550, 11.5584,
-20.6577

■ 238.5990, 8.0857,
-26.8353

Harmonies

Analogous

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



161.1290, -18.7976, 56.0149



159.6530, -30.3949, 42.4003



157.0000, -33.5240, 19.2940

Triad

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



159.6530, -30.3949, 42.4003



135.6150, 13.5008, -83.8544



162.9600, 27.6277, 5.2971

Complementary

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



159.6530, -30.3949, 42.4003



146.3470, 30.3949, -42.4003

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.



155.1010, 36.9252, -36.9226



159.6530, -30.3949, 42.4003



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.



159.6530, -30.3949, 42.4003



147.0920, -9.9054, -43.0537



137.3350, 41.7398, -87.9938



164.7870, 13.4160, 37.0208

Rectangle

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



159.6530, -30.3949, 42.4003



154.5030, -29.8280, 0.4359



137.3350, 41.7398, -87.9938



161.3820, 30.8707, -8.2280

Sweetspot

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



159.6530, -30.3949, 42.4003



236.8250, -11.2527, 15.9395



137.9580, 10.8667, 61.4268



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.



159.6530, -30.3949, 42.4003



184.4030, -44.5687, 61.9136



191.3510, -46.0220, 14.6012



100.2240, -3.0684, 4.1886



94.2570, -46.4687, 64.6726



22.8250, -11.2527, 15.9395

Inverse Universe

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



146.3470, 30.3949, -42.4003



164.5970, 44.5687, -61.9136



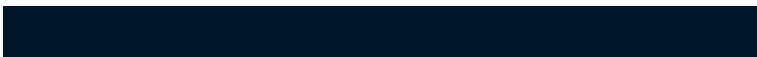
114.6490, 46.0220, -14.6012



98.7760, 3.0684, -4.1886



73.7430, 46.4687, -64.6726



18.1750, 11.2527, -15.9395

Previews

White Background



This preview shows how the YUV color 159.6530, -30.3949, 42.4003 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 159.6530, -30.3949, 42.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

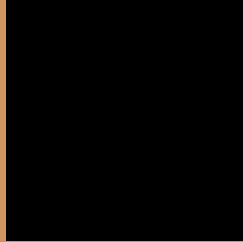
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6530, -30.3949, 42.4003

Background



This preview shows how black text looks on a background with the YUV color 159.6530, -30.3949, 42.4003.



This preview shows how white text looks on a background with the YUV color 159.6530, -30.3949, 42.4003.

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

159.6530, -30.3949, 42.4003

Protanopia

157.6880, -26.9612, 14.3056

Deuteranopia

158.8750, -30.5044, 30.8046



Tritanopia

162.7820, -5.8085, 43.1642

Trichromacy



Original Color

159.6530, -30.3949, 42.4003

Protanomaly

158.1130, -28.1567, 24.4569

Deuteranomaly

159.1960, -30.6626, 34.9081

Tritanomaly

162.0780, -14.8285, 42.9046

Monochromacy



Original Color

159.6530, -30.3949, 42.4003

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.5260, -11.1053, 15.3247

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6530, -30.3949, 42.4003 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(208, 147, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 98)  
}
```

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(208, 147, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 98) }
```

Border

The CSS property to change the border of an element to YUV 159.6530, -30.3949, 42.4003 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(208, 147, 98) }
```


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

```
.border{ border-color:rgb(208, 147, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 147, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 159.6530, -30.3949, 42.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 147, 98) }
```

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

```
.background{ background-color: rgb(208,  
147, 98) }
```

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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