

Converting Colors

YUV(110.0330, -7.4113,
-96.4989)

Have a look what the booklet for
YUV(110.0330, -7.4113, -96.4989)
contains.

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Color

**YUV(110.0330, -7.4113,
-96.4989)**

Conversions

Conversions Part 1

Format	Color
Hex	00A95F
RGB	0, 169, 95
RGB Percent	0%, 66%, 37%
CMY	1.0000, 0.3373, 0.6275
CMYK	1.00, 0.00, 0.44, 0.34
HSL	154°, 100%, 33%
HSV	154°, 100%, 66%
XYZ	16.2535, 29.2022, 15.6064
YIQ	110.0330, -76.9700, -58.8420

Conversions

Conversions Part 2

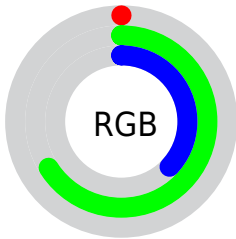
Format	Color
RYB	0, 108, 169
Decimal	43359
CIELab	60.96, -54.19, 28.02
CIELCh	61, 61.011, 152.659
Yxy	29.2022, 0.2662, 0.4782
Android (android.graphics.Color)	4278233439 (0xFF00A95F)
YUV	110.0330, -7.4113, -96.4989
Hunter-Lab	54.0390, -40.8801, 20.7044

Details

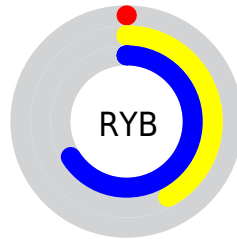
The YUV color **110.0330, -7.4113, -96.4989** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **58.9670, 7.4113, 96.4989**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9280, -14.7545, -74.4819**, and **72.8630, -12.7505, -63.9009** is the 20% darker color. If you saturate the color by 10%, you get **110.0330, -7.4113, -96.4989**, and if you desaturate by 10%, it is **115.9140, -6.8596, -86.7476**.

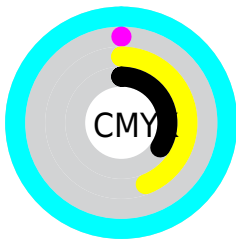
Distribution



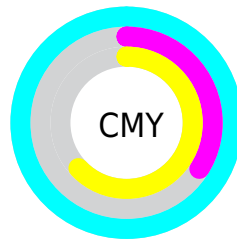
- Red (0%)
- Green (66%)
- Blue (37%)



- Red (0%)
- Yellow (42%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0330, -7.4113, -96.4989 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 110.0330, -7.4113, -96.4989 by changing the saturation by 10% instead.

■ 110.0330, -7.4113,
-96.4989

■ 110.0330, -7.4113,
-96.4989

■ 255.0000, 0.0000,
0.0000

■ 91.4480, -10.0809,
-80.1999

■ 175.9280,
-14.7545, -74.4819

■ 72.8630, -12.7505,
-63.9009

■ 205.8850,
-16.2123, -73.5671

■ 55.5660, -15.5620,
-48.7314

■ 218.0470, -8.4042,
-57.9232

■ 38.1550, -18.8104,
-33.4619

■ 230.2090, -0.5960,
-42.2793

■ 24.6540, -12.1544,
-21.6216

■ 242.1430, 6.3385,
-26.4354

■ 4.1090, -2.0257,
-3.6036

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 110.0330, -7.4113,
-96.4989

■ 115.9140, -6.8596,
-86.7476

■ 121.9090, -5.8711,
-77.0962

■ 127.7900, -5.3195,
-67.3448

■ 133.7850, -4.3310,
-57.6934

■ 139.3670, -3.6319,
-48.5569

■ 145.2480, -3.0803,
-38.8055

■ 151.2430, -2.0918,
-29.1541

■ 157.1240, -1.5401,
-19.4027

■ 163.1190, -0.5517,
-9.7514

Harmonies

Analogous

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



134.3640, -42.5775, -16.9822



110.0330, -7.4113, -96.4989



118.6510, 15.4551, -104.0569

Triad

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



110.0330, -7.4113, -96.4989



118.2940, 67.3961, -103.7438



143.2960, -25.2889, 84.8094

Complementary

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



110.0330, -7.4113, -96.4989



58.9670, 7.4113, 96.4989

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.



144.9520, 0.0237, 85.9881



110.0330, -7.4113, -96.4989



150.0750, 43.3470, 3.4422

Square

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



110.0330, -7.4113, -96.4989



124.4430, 57.9556, -109.1365



149.9650, 23.6813, 57.9127



143.1210, -46.8947, 61.2839

Rectangle

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



110.0330, -7.4113, -96.4989



122.8690, 31.6166, -107.7561



149.9650, 23.6813, 57.9127



143.4950, -17.0060, 88.1429

Sweetspot

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



110.0330, -7.4113, -96.4989



196.2590, -3.0857, -37.0611



121.9270, -60.1100, -40.2780



95.9880, -1.9661, -22.7915



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



110.0330, -7.4113, -96.4989



142.5750, -9.6505, -125.0383



113.7730, 27.2269, -99.7789



81.1520, -0.5679, -4.5183



96.3380, -6.5756, -84.4884



12.9940, -0.9830, -11.3957

Inverse Universe

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



58.9670, 7.4113, 96.4989



76.4250, 9.6505, 125.0383



55.2270, -27.2269, 99.7789



78.7340, 0.1311, 4.6183



51.6620, 6.5756, 84.4884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 110.0330, -7.4113, -96.4989 looks on a white background.

Color Contrast Check

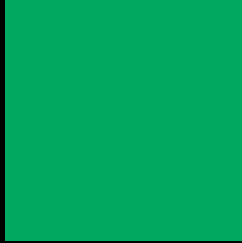
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0330, -7.4113, -96.4989 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 × Fail

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

YUV 110.0330, -7.4113, -96.4989

Background



This preview shows how black text looks on a background with the YUV color 110.0330, -7.4113, -96.4989.



This preview shows how white text looks on a background with the YUV color 110.0330, -7.4113, -96.4989.

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

110.0330, -7.4113, -96.4989

Protanopia

143.3460, -28.2716, 14.6056

Deuteranopia

145.8340, -21.6102, 24.7016



Tritanopia

132.4790, 19.9769, -60.9331

Trichromacy



Original Color

110.0330, -7.4113, -96.4989



Protanomaly

131.0420, -20.7267, -25.4698



Deuteranomaly

133.1120, -16.8172, -19.3922



Tritanomaly

124.1710, 10.2687, -73.8180

Monochromacy



Original Color

110.0330, -7.4113, -96.4989



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.7970, -2.3649, -34.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0330, -7.4113, -96.4989 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(0, 169, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 95)  
}
```

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(0, 169, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 95) }
```

Border

The CSS property to change the border of an element to YUV 110.0330, -7.4113, -96.4989 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(0, 169, 95) }
```


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

```
.border{ border-color:rgb(0, 169, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 169, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 110.0330, -7.4113, -96.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 95) }
```

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

```
.background{ background-color: rgb(0, 169,  
95) }
```

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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