

Converting Colors

YUV(111.4350, -29.7945,
36.4525)

Have a look what the booklet for
YUV(111.4350, -29.7945, 36.4525)
contains.

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Color

**YUV(111.4350, -29.7945,
36.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	996633
RGB	153, 102, 51
RGB Percent	60%, 40%, 20%
CMY	0.4000, 0.6000, 0.8000
CMYK	0.00, 0.33, 0.67, 0.40
HSL	30°, 50%, 40%
HSV	30°, 67%, 60%
XYZ	18.4858, 16.5141, 5.3452
YIQ	111.4350, 46.7670, -5.0490

Conversions

Conversions Part 2

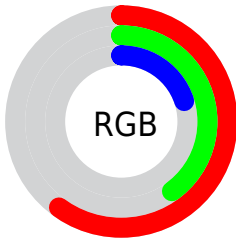
Format	Color
R_{YB}	153, 153, 51
Decimal	10053171
CIE Lab	47.64, 15.37, 36.50
CIE LCh	48, 39.602, 67.157
Yxy	16.5141, 0.4582, 0.4093
Android (android.graphics.Color)	4288243251 (0xFF996633)
YUV	111.4350, -29.7945, 36.4525
Hunter-Lab	40.6375, 10.0831, 20.6476

Details

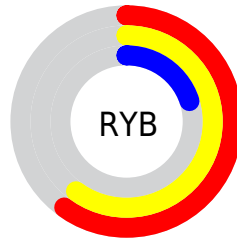
The YUV color **111.4350, -29.7945, 36.4525** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **92.5650, 29.7945, -36.4525**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8870, -31.9893, 40.4411**, and **61.9290, -29.0520, 31.6343** is the 20% darker color. If you saturate the color by 10%, you get **105.0290, -34.0313, 42.0706**, and if you desaturate by 10%, it is **117.8410, -25.5576, 30.8344**.

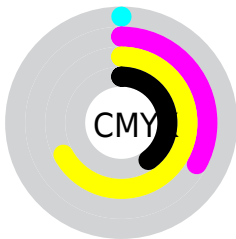
Distribution



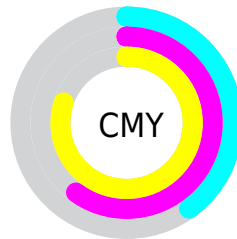
- Red (60%)
- Green (40%)
- Blue (20%)



- Red (60%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.4350, -29.7945, 36.4525 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 111.4350, -29.7945, 36.4525 by changing the saturation by 10% instead.


 111.4350,
-29.7945, 36.4525

 111.4350,
-29.7945, 36.4525


255.0000, 0.0000,
0.0000


 86.3530, -28.7680,
33.8934


 163.8870,
-31.9893, 40.4411


 61.9290, -29.0520,
31.6343


 191.6700,
-32.8683, 42.3854

 40.8990, -20.1632,
27.2756

 214.9680,
-31.5362, 35.1081

 21.0860, -10.3954,
20.9726

 235.0690,
-28.1350, 17.4795

 3.8870, -1.9163,
7.9921

 249.4140,
-21.4031, 4.8989

 0.0000, 0.0000,
0.0000

 252.6060, -9.1728,

2.0995

■ 111.4350,
-29.7945, 36.4525

■ 111.4350,
-29.7945, 36.4525

■ 105.0290,
-34.0313, 42.0706

■ 117.8410,
-25.5576, 30.8344

■ 99.0960, -38.9943,
47.2738

■ 123.7740,
-20.5946, 25.6312

■ 92.6900, -43.2312,
52.8919

■ 130.1800,
-16.3577, 20.0131

■ 90.9460, -44.8364,
54.4214

■ 136.5860,
-12.1209, 14.3951

■ 142.5190, -7.1579,
9.1918

■ 148.9250, -2.9210,
3.5738

■ 155.3310, 1.3158,
-2.0443

■ 161.1500, 5.8420,
-7.1476

■ 167.6700, 10.5157,
-12.8656

Harmonies

Analogous

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



112.3950, -18.9287, 51.3966



111.4350, -29.7945, 36.4525



109.3090, -32.1973, 13.7610

Triad

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



111.4350, -29.7945, 36.4525



89.9900, 14.7949, -78.9212



115.8850, 24.7067, 8.8709

Complementary

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



111.4350, -29.7945, 36.4525



92.5650, 29.7945, -36.4525

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.



107.6560, 35.1726, -34.7783



111.4350, -29.7945, 36.4525



93.0510, 29.0619, -81.6057

Square

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



111.4350, -29.7945, 36.4525



96.6010, -5.2263, -50.5161



92.0370, 40.4078, -80.7164



116.0430, 11.8108, 38.5503

Rectangle

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



111.4350, -29.7945, 36.4525



106.7520, -27.4857, -4.1675



92.0370, 40.4078, -80.7164



114.7200, 28.2390, -4.1394

Sweetspot

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



111.4350, -29.7945, 36.4525



182.7000, -11.6841, 14.2951



87.3120, 7.2412, 57.6084



89.9210, -6.8631, 7.9623



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



111.4350, -29.7945, 36.4525



133.9140, -46.2996, 57.0804



141.3720, -44.5534, 10.1978



73.7400, -2.3368, 2.8590



82.9500, -40.8943, 50.0329



7.4090, -3.6526, 4.9033

Inverse Universe

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



92.5650, 29.7945, -36.4525



104.4990, 46.5890, -56.5656



62.6280, 44.5534, -10.1978



72.2600, 2.3368, -2.8590



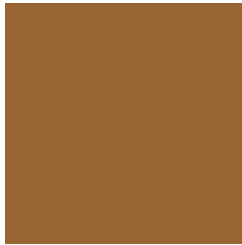
57.0500, 40.8944, -50.0328



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 111.4350, -29.7945, 36.4525 looks on a white background.

Color Contrast Check

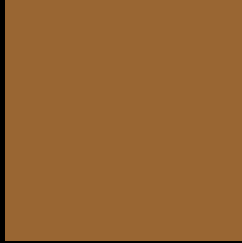
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.4350, -29.7945, 36.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

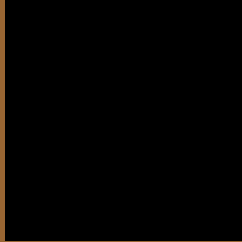
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.4350, -29.7945, 36.4525

Background



This preview shows how black text looks on a background with the YUV color 111.4350, -29.7945, 36.4525.



This preview shows how white text looks on a background with the YUV color 111.4350, -29.7945,

36.4525.

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

111.4350, -29.7945, 36.4525

Protanopia

110.8620, -27.5400, 13.2760

Deuteranopia

111.1410, -30.6355, 26.1863



Tritanopia

114.7380, -5.7868, 36.1868

Trichromacy



Original Color

111.4350, -29.7945, 36.4525

Protanomaly

111.3900, -28.2933, 21.5830

Deuteranomaly

111.2770, -30.2096, 29.5751

Tritanomaly

113.4470, -14.5174, 36.4420

Monochromacy



Original Color

111.4350, -29.7945, 36.4525

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4350, -29.7945, 36.4525 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(153, 102, 51)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 51)  
}
```

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(153, 102, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 51) }
```

Border

The CSS property to change the border of an element to YUV 111.4350, -29.7945, 36.4525 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(153, 102, 51) }
```


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

```
.border{ border-color:rgb(153, 102, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 51);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 111.4350, -29.7945, 36.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 51) }
```

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

```
.background{ background-color: rgb(153,  
102, 51) }
```

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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