

Converting Colors

YUV(109.6990, -30.4176,
2.8950)

Have a look what the booklet for
YUV(109.6990, -30.4176, 2.8950)
contains.

YUV(109.6990, -30.4176, 2.8950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.6990, -30.4176,
2.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	717830
RGB	113, 120, 48
RGB Percent	44%, 47%, 19%
CMY	0.5569, 0.5294, 0.8118
CMYK	0.06, 0.00, 0.60, 0.53
HSL	66°, 43%, 33%
HSV	66°, 60%, 47%
XYZ	14.0600, 17.1571, 5.3669
YIQ	109.6990, 18.9400, -23.8760

Conversions

Conversions Part 2

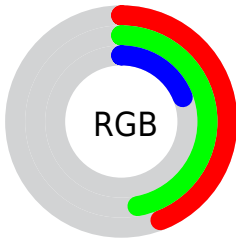
Format	Color
R_{YB}	48, 120, 55
Decimal	7436336
CIE _{Lab}	48.46, -13.40, 37.80
CIE _{LCh}	48, 40.107, 109.515
Yxy	17.1571, 0.3843, 0.4690
Android (android.graphics.Color)	4285626416 (0xFF717830)
YUV	109.6990, -30.4176, 2.8950
Hunter-Lab	41.4211, -11.8966, 21.3126

Details

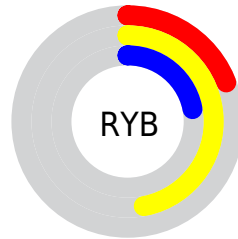
The YUV color **109.6990, -30.4176, 2.8950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.3010, 30.4176, -2.8950**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9550, -32.0228, 4.4245**, and **61.1010, -30.1228, 1.6654** is the 20% darker color. If you saturate the color by 10%, you get **108.0320, -35.5118, 3.4799**, and if you desaturate by 10%, it is **111.3660, -25.3234, 2.3100**.

Distribution



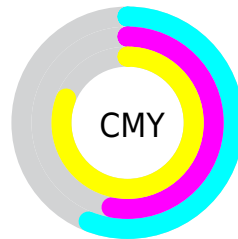
- Red (44%)
- Green (47%)
- Blue (19%)



- Red (19%)
- Yellow (47%)
- Blue (22%)



- Cyan (6%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6990, -30.4176, 2.8950 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 109.6990, -30.4176, 2.8950 by changing the saturation by 10% instead.

■ 109.6990,
-30.4176, 2.8950

■ 109.6990,
-30.4176, 2.8950

■ 255.0000, 0.0000,
0.0000

■ 84.5140, -29.8334,
2.1802

■ 161.9550,
-32.0228, 4.4245

■ 61.1010, -30.1228,
1.6654

■ 188.8410,
-32.4596, 4.5244

■ 40.4240, -19.9290,
-1.2488

■ 216.9120,
-33.4806, 5.3392

■ 20.6110, -10.1612,
-7.5518

■ 245.0970,
-34.0648, 6.0539

■ 0.0000, 0.0000,
0.0000

■ 249.1860,
-22.2767, 5.0989

■ 252.3780,

-10.0464, 2.2995

■ 109.6990,
-30.4176, 2.8950

■ 109.6990,
-30.4176, 2.8950

■ 108.0320,
-35.5118, 3.4799

■ 111.3660,
-25.3234, 2.3100

■ 106.3650,
-40.6059, 4.0649

■ 113.0330,
-20.2293, 1.7251

■ 104.3990,
-45.5527, 4.0351

■ 114.7000,
-15.1351, 1.1401

■ 102.7320,
-50.6469, 4.6200

■ 116.6660,
-10.1883, 1.1699

■ 118.3330, -5.0942,
0.5850

■ 120.0000, 0.0000,
0.0000

■ 121.6670, 5.0942,
-0.5850

■ 123.3340, 10.1883,
-1.1699

■ 125.3000, 15.1351,
-1.1401

Harmonies

Analogous

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



112.5820, -32.8249, 28.4306



109.6990, -30.4176, 2.8950



104.2420, -17.3743, -27.3992

Triad

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



109.6990, -30.4176, 2.8950



94.6470, 35.1770, -83.0054



117.0890, 5.3791, 48.1569

Complementary

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



109.6990, -30.4176, 2.8950



58.3010, 30.4176, -2.8950

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.



118.4200, 20.0059, 23.3107



109.6990, -30.4176, 2.8950



92.2480, 43.7547, -80.9015

Square

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



109.6990, -30.4176, 2.8950



93.1020, 21.6417, -81.6505



114.5660, 31.7660, -15.4054



115.0070, -10.3565, 55.2449

Rectangle

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



109.6990, -30.4176, 2.8950



96.7360, -3.3208, -55.0195



114.5660, 31.7660, -15.4054



118.1250, 10.7844, 41.1094

Sweetspot

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



109.6990, -30.4176, 2.8950



151.9110, -11.7881, 0.9551



73.0500, -12.3496, 41.1752



76.4640, -7.1308, 0.4701



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.6990, -30.4176, 2.8950



139.9430, -47.2999, 4.4350



99.2340, -25.2584, -18.6222



60.3160, -2.6208, 0.5999



107.1620, -52.8309, 5.1199



216.0960, -106.5353, 10.4398

Inverse Universe

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



58.3010, 30.4176, -2.8950



59.7580, 47.4473, -5.0498



68.7660, 25.2584, 18.6222



55.9830, 2.4734, 0.0149



17.8380, 52.8309, -5.1199



36.2030, 106.3879, -9.8250

Previews

White Background



This preview shows how the YUV color 109.6990, -30.4176, 2.8950 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 109.6990, -30.4176, 2.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

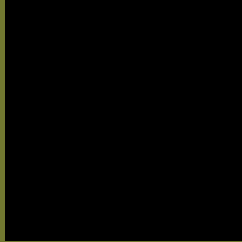
Any Text WCAG AA × Fail

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 109.6990, -30.4176, 2.8950 Background



This preview shows how black text looks on a background with the YUV color 109.6990, -30.4176, 2.8950.



This preview shows how white text looks on a background with the YUV color 109.6990, -30.4176,

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

109.6990, -30.4176, 2.8950

Protanopia

111.1350, -31.6186, 14.7906

Deuteranopia

112.2550, -30.1987, 26.0864



Tritanopia

116.3040, 2.3151, 4.1184

Trichromacy



Original Color

109.6990, -30.4176, 2.8950

Protanomaly

110.8140, -31.4603, 10.6871

Deuteranomaly

111.2000, -30.1716, 17.3646

Tritanomaly

114.0900, -9.9044, 3.4291

Monochromacy



Original Color

109.6990, -30.4176, 2.8950

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0250, -11.3513, 0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6990, -30.4176, 2.8950 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(113, 120, 48)` looks like.

```
.text, #text, p{  
    color:rgb(113, 120, 48)  
}
```

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(113, 120, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 120, 48) }
```

Border

The CSS property to change the border of an element to YUV 109.6990, -30.4176, 2.8950 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(113, 120, 48) }
```


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

```
.border{ border-color:rgb(113, 120, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 120, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 120, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 120, 48);  
box-shadow:4px 4px 4px 4px rgb(113, 120,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 109.6990, -30.4176, 2.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 120, 48) }
```

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

```
.background{ background-color: rgb(113,  
120, 48) }
```

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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