

Converting Colors

YUV(109.1550, -28.6704,
2.4951)

Have a look what the booklet for
YUV(109.1550, -28.6704, 2.4951)
contains.

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Color

**YUV(109.1550, -28.6704,
2.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	707733
RGB	112, 119, 51
RGB Percent	44%, 47%, 20%
CMY	0.5608, 0.5333, 0.8000
CMYK	0.06, 0.00, 0.57, 0.53
HSL	66°, 40%, 33%
HSV	66°, 57%, 47%
XYZ	13.8765, 16.8774, 5.6583
YIQ	109.1550, 17.6560, -22.6320

Conversions

Conversions Part 2

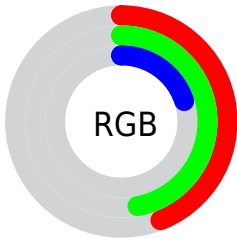
Format	Color
RYB	51, 119, 58
Decimal	7370547
CIELab	48.11, -13.04, 35.89
CIELCh	48, 38.186, 109.961
Yxy	16.8774, 0.3811, 0.4635
Android (android.graphics.Color)	4285560627 (0xFF707733)
YUV	109.1550, -28.6704, 2.4951
Hunter-Lab	41.0821, -11.6011, 20.5914

Details

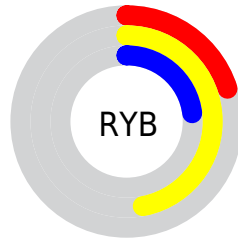
The YUV color **109.1550, -28.6704, 2.4951** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.8450, 28.6704, -2.4951**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1120, -30.1282, 3.4098**, and **60.3290, -29.2492, 1.4655** is the 20% darker color. If you saturate the color by 10%, you get **107.4880, -33.7646, 3.0800**, and if you desaturate by 10%, it is **110.8220, -23.5762, 1.9101**.

Distribution



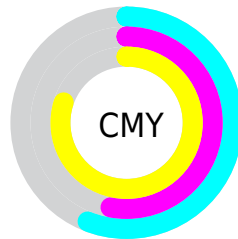
- Red (44%)
- Green (47%)
- Blue (20%)



- Red (20%)
- Yellow (47%)
- Blue (23%)



- Cyan (6%)
- Magenta (0%)
- Yellow (57%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1550, -28.6704, 2.4951 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 109.1550, -28.6704, 2.4951 by changing the saturation by 10% instead.

■ 109.1550,
-28.6704, 2.4951

■ 109.1550,
-28.6704, 2.4951

■ 255.0000, 0.0000,
0.0000

■ 84.2690, -28.2336,
2.3951

■ 161.1120,
-30.1282, 3.4098

■ 60.3290, -29.2492,
1.4655

■ 188.2970,
-30.7124, 4.1245

■ 39.8370, -19.6396,
-0.7340

■ 216.0690,
-31.5860, 4.3245

■ 20.0240, -9.8718,
-7.0370

■ 244.8410,
-32.4596, 4.5244

■ 0.0000, 0.0000,
0.0000

■ 249.5280,
-20.9663, 4.7989

■ 252.7200, -8.7360,

1.9996

■ 109.1550,
-28.6704, 2.4951

■ 109.1550,
-28.6704, 2.4951

■ 107.4880,
-33.7646, 3.0800

■ 110.8220,
-23.5762, 1.9101

■ 105.8210,
-38.8588, 3.6650

■ 112.4890,
-18.4821, 1.3251

■ 103.8550,
-43.8055, 3.6352

■ 114.4550,
-13.5353, 1.3550

■ 102.1880,
-48.8997, 4.2201

■ 116.1220, -8.4411,
0.7700

■ 101.8460,
-50.2101, 4.5201

■ 117.6750, -3.7838,
0.2850

■ 119.3420, 1.3104,
-0.2999

■ 121.3080, 6.2572,
-0.2701

■ 122.9750, 11.3513,
-0.8551

■ 124.6420, 16.4455,
-1.4400

Harmonies

Analogous

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



112.0270, -31.0723, 26.2863



109.1550, -28.6704, 2.4951



104.1820, -16.3587, -26.4696

Triad

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



109.1550, -28.6704, 2.4951



93.7180, 34.1560, -82.1907



116.2520, 4.8058, 45.3830

Complementary

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



109.1550, -28.6704, 2.4951



60.8450, 28.6704, -2.4951

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.



117.4800, 18.9904, 22.3810



109.1550, -28.6704, 2.4951



94.1950, 40.8229, -73.8390

Square

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



109.1550, -28.6704, 2.4951



91.7000, 21.3469, -80.4209



114.1210, 30.0133, -13.2611



114.6970, -10.2036, 52.8857

Rectangle

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



109.1550, -28.6704, 2.4951



97.7580, -3.3317, -51.5308



114.1210, 30.0133, -13.2611



116.8860, 9.9162, 39.5650

Sweetspot

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



109.1550, -28.6704, 2.4951



152.0250, -11.3513, 0.8551



75.4410, -12.0494, 38.2012



76.5780, -6.6940, 0.3701



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.



109.1550, -28.6704, 2.4951



140.3990, -45.5527, 4.0351



98.9890, -23.6586, -18.4074



58.0170, -2.4734, -0.0149



104.5040, -51.5205, 4.8200



213.7260, -105.3669, 9.0103

Inverse Universe

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



60.8450, 28.6704, -2.4951



63.6010, 45.5527, -4.0351



71.0110, 23.6586, 18.4074



53.6840, 2.6208, -0.5999



17.7950, 51.3731, -4.2052



36.2740, 105.3669, -9.0103

Previews

White Background



This preview shows how the YUV color 109.1550, -28.6704, 2.4951 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 109.1550, -28.6704, 2.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

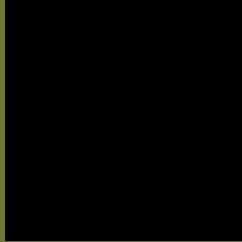
Any Text WCAG AA × Fail

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 109.1550, -28.6704, 2.4951 Background



This preview shows how black text looks on a background with the YUV color 109.1550, -28.6704, 2.4951.



This preview shows how white text looks on a background with the YUV color 109.1550, -28.6704,

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

109.1550, -28.6704, 2.4951

Protanopia

110.5910, -29.8714, 14.3907

Deuteranopia

112.2980, -28.7409, 25.1717



Tritanopia

115.1190, 2.8993, 3.4036

Trichromacy



Original Color

109.1550, -28.6704, 2.4951

Protanomaly

110.2700, -29.7131, 10.2872

Deuteranomaly

111.2430, -28.7138, 16.4499

Tritanomaly

113.1330, -8.4466, 2.5144

Monochromacy



Original Color

109.1550, -28.6704, 2.4951

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1550, -28.6704, 2.4951 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(112, 119, 51)` looks like.

```
.text, #text, p{  
    color:rgb(112, 119, 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(112, 119, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 119, 51) }
```

Border

The CSS property to change the border of an element to YUV 109.1550, -28.6704, 2.4951 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(112, 119, 51) }
```


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

```
.border{ border-color:rgb(112, 119, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 119, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 119, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 119, 51);  
box-shadow:4px 4px 4px 4px rgb(112, 119,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 109.1550, -28.6704, 2.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 119, 51) }
```

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

```
.background{ background-color: rgb(112,  
119, 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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