

Converting Colors

YUV(111.2530, -10.4777,
0.6551)

Have a look what the booklet for
YUV(111.2530, -10.4777, 0.6551)
contains.

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Color

**YUV(111.2530, -10.4777,
0.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	70735A
RGB	112, 115, 90
RGB Percent	44%, 45%, 35%
CMY	0.5608, 0.5490, 0.6471
CMYK	0.03, 0.00, 0.22, 0.55
HSL	67°, 12%, 40%
HSV	67°, 22%, 45%
XYZ	14.6583, 16.4444, 12.0744
YIQ	111.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

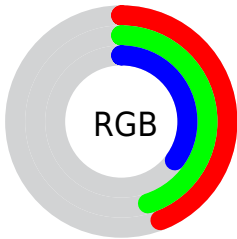
Format	Color
RYB	90, 115, 93
Decimal	7369562
CIELab	47.55, -5.80, 13.49
CIElCh	48, 14.679, 113.265
Yxy	16.4444, 0.3395, 0.3809
Android (android.graphics.Color)	4285559642 (0xFF70735A)
YUV	111.2530, -10.4777, 0.6551
Hunter-Lab	40.5517, -6.4428, 10.7324

Details

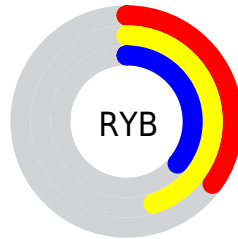
The YUV color **111.2530, -10.4777, 0.6551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.7470, 10.4777, -0.6551**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0250, -11.3513, 0.8551**, and **63.4810, -9.6041, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **109.7000, -15.1351, 1.1401**, and if you desaturate by 10%, it is **112.9200, -5.3836, 0.0702**.

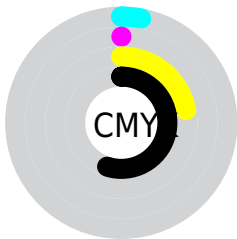
Distribution



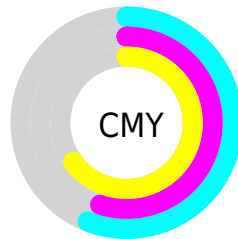
- Red (44%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2530, -10.4777, 0.6551 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 111.2530, -10.4777, 0.6551 by changing the saturation by 10% instead.

■ 111.2530,
-10.4777, 0.6551

■ 111.2530,
-10.4777, 0.6551

■ 255.0000, 0.0000,
0.0000

■ 86.3670, -10.0409,
0.5551

■ 163.0250,
-11.3513, 0.8551

■ 63.4810, -9.6041,
0.4552

■ 190.0250,
-11.3513, 0.8551

■ 41.5950, -9.1673,
0.3552

■ 217.9110,
-11.7881, 0.9551

■ 20.9650, -10.3357,
1.7847

■ 246.2100,
-11.9355, 1.5698

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,
0.4999

■ 111.2530,
-10.4777, 0.6551

■ 111.2530,
-10.4777, 0.6551

■ 109.7000,
-15.1351, 1.1401

■ 112.9200, -5.3836,
0.0702

■ 107.7340,
-20.0819, 1.1103

■ 114.7720, -0.8736,
0.2000

■ 106.1810,
-24.7392, 1.5953

■ 116.4390, 4.2206,
-0.3850

■ 104.2150,
-29.6860, 1.5654

■ 118.2910, 8.7305,
-0.2552

■ 102.6620,
-34.3434, 2.0504

■ 119.8440, 13.3879,
-0.7402

■ 100.9950,
-39.4375, 2.6354

■ 121.5110, 18.4821,
-1.3251

■ 99.0290, -44.3843,
2.6056

■ 123.4770, 23.4288,
-1.2953

■ 97.7040, -48.1681,

■ 125.0300, 28.0862,

2.8906

-1.7803

■ 126.6970, 33.1804,
-2.3653

Harmonies

Analogous

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



112.5640, -12.1101, 10.9064



111.2530, -10.4777, 0.6551



109.7400, -5.7878, -10.2960

Triad

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



111.2530, -10.4777, 0.6551



108.8320, 11.4218, -23.5317



114.9360, 0.5246, 18.4731

Complementary

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



111.2530, -10.4777, 0.6551



93.7470, 10.4777, -0.6551

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.



115.0750, 6.3720, 9.5812



111.2530, -10.4777, 0.6551



111.5280, 12.5577, -14.4951

Square

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



111.2530, -10.4777, 0.6551



107.9690, 6.9173, -25.4058



113.7360, 10.4832, -2.3995



115.0520, -5.4486, 21.0024

Rectangle

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



111.2530, -10.4777, 0.6551



108.4340, -1.6930, -17.0436



113.7360, 10.4832, -2.3995



115.0820, 2.4246, 15.7141

Sweetspot

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



111.2530, -10.4777, 0.6551



148.5610, -4.2206, 0.3850



99.2360, -4.5533, 13.8250



75.9030, -2.9102, 0.0851



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



111.2530, -10.4777, 0.6551



144.3580, -16.4455, 1.4400



107.6650, -8.7088, -6.7222



58.0170, -2.4734, -0.0149



103.9060, -51.2257, 3.5904



212.5300, -104.7773, 6.5512

Inverse Universe

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



93.7470, 10.4777, -0.6551



116.9410, 16.2981, -0.8253



97.3350, 8.7088, 6.7222



53.6840, 2.6208, -0.5999



18.3930, 51.0783, -2.9757



37.4700, 104.7773, -6.5512

Previews

White Background



This preview shows how the YUV color 111.2530, -10.4777, 0.6551 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 111.2530, -10.4777, 0.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

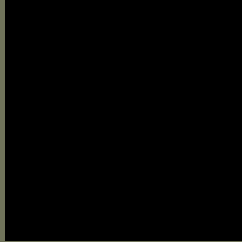
Any Text WCAG AA × Fail

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 111.2530, -10.4777, 0.6551 Background



This preview shows how black text looks on a background with the YUV color 111.2530, -10.4777, 0.6551.



This preview shows how white text looks on a background with the YUV color 111.2530, -10.4777, 0.6551.

0.6551.

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

111.2530, -10.4777, 0.6551

Protanopia

112.3570, -11.5150, 6.7029

Deuteranopia

112.9390, -10.8159, 15.8395



Tritanopia

113.5210, 3.1941, 2.1741

Trichromacy



Original Color

111.2530, -10.4777, 0.6551

Protanomaly

112.0470, -11.3622, 4.3438

Deuteranomaly

112.6070, -10.6523, 9.9917

Tritanomaly

112.5550, -1.7526, 2.1443

Monochromacy



Original Color

111.2530, -10.4777, 0.6551

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2530, -10.4777, 0.6551 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, 115, 90)` looks like.

```
.text, #text, p{  
    color:rgb(112, 115, 90)  
}
```

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, 115, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 115, 90) }
```

Border

The CSS property to change the border of an element to YUV 111.2530, -10.4777, 0.6551 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, 115, 90) }
```


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

```
.border{ border-color:rgb(112, 115, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 115, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 115, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 115, 90);  
box-shadow:4px 4px 4px 4px rgb(112, 115,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 111.2530, -10.4777, 0.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 115, 90) }
```

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

```
.background{ background-color: rgb(112,  
115, 90) }
```

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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