

Converting Colors

YUV(111.8550, -23.5925,
7.1432)

Have a look what the booklet for
YUV(111.8550, -23.5925, 7.1432)
contains.

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Color

**YUV(111.8550, -23.5925,
7.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	787540
RGB	120, 117, 64
RGB Percent	47%, 46%, 25%
CMY	0.5294, 0.5412, 0.7490
CMYK	0.00, 0.03, 0.47, 0.53
HSL	57°, 30%, 36%
HSV	57°, 47%, 47%
XYZ	15.0324, 17.0858, 7.3561
YIQ	111.8550, 18.8010, -15.8470

Conversions

Conversions Part 2

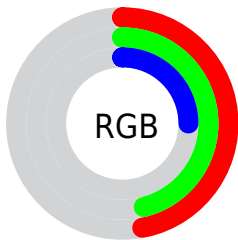
Format	Color
RYB	67, 120, 64
Decimal	7894336
CIELab	48.37, -7.05, 29.52
CIELCh	48, 30.353, 103.435
Yxy	17.0858, 0.3808, 0.4328
Android (android.graphics.Color)	4286084416 (0xFF787540)
YUV	111.8550, -23.5925, 7.1432
Hunter-Lab	41.3350, -7.4206, 18.3831

Details

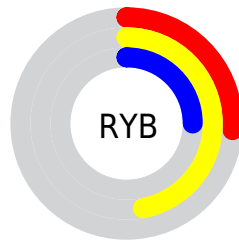
The YUV color **111.8550, -23.5925, 7.1432** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.1450, 23.5925, -7.1432**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8120, -25.0503, 8.0579**, and **63.4850, -22.4241, 5.7137** is the 20% darker color. If you saturate the color by 10%, you get **109.9000, -28.5447, 8.8577**, and if you desaturate by 10%, it is **113.8100, -18.6403, 5.4286**.

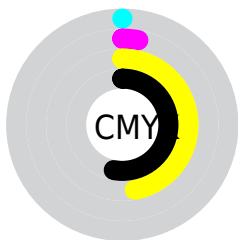
Distribution



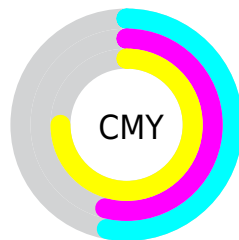
- Red (47%)
- Green (46%)
- Blue (25%)



- Red (26%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (3%)
- Yellow (47%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8550, -23.5925, 7.1432 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 111.8550, -23.5925, 7.1432 by changing the saturation by 10% instead.

■ 111.8550,
-23.5925, 7.1432

■ 111.8550,
-23.5925, 7.1432

■ 255.0000, 0.0000,
0.0000

■ 86.7840, -22.5715,
6.3284

■ 163.8120,
-25.0503, 8.0579

■ 63.4850, -22.4241,
5.7137

■ 190.9970,
-25.6345, 8.7726

■ 41.6420, -20.5295,
4.6990

■ 219.0680,
-26.6555, 9.5874

■ 22.1390, -10.9145,
0.7551

■ 246.7580,
-26.5027, 7.2282

■ 0.0000, 0.0000,
0.0000

■ 251.1240,
-14.8511, 3.3993

■ 254.3160, -2.6208,

0.5999

■ 111.8550,
-23.5925, 7.1432

■ 111.8550,
-23.5925, 7.1432

■ 109.9000,
-28.5447, 8.8577

■ 113.8100,
-18.6403, 5.4286

■ 108.5320,
-33.7863, 10.0574

■ 115.1780,
-13.3988, 4.2289

■ 106.5770,
-38.7385, 11.7720

■ 117.1330, -8.4466,
2.5144

■ 104.6220,
-43.6906, 13.4865

■ 119.0880, -3.4944,
0.7998

■ 103.2540,
-48.9322, 14.6862

■ 120.4560, 1.7472,
-0.3999

■ 102.7980,
-50.6794, 15.0862

■ 122.4110, 6.6994,
-2.1144

■ 123.7790, 11.9410,
-3.3142

■ 125.7340, 16.8931,
-5.0287

■ 127.6890, 21.8453,
-6.7433

Harmonies

Analogous

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



113.9760, -23.6522, 26.3310



111.8550, -23.5925, 7.1432



109.0740, -15.8125, -14.9739

Triad

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



111.8550, -23.5925, 7.1432



91.5350, 28.3302, -80.2762



117.8160, 6.0067, 33.4874

Complementary

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



111.8550, -23.5925, 7.1432



72.1450, 23.5925, -7.1432

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.



117.8440, 16.8389, 12.4148



111.8550, -23.5925, 7.1432



104.6620, 29.2536, -49.6926

Square

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



111.8550, -23.5925, 7.1432



90.6960, 17.4049, -76.0324



113.8450, 25.2194, -15.6501



116.9560, -6.3873, 42.1346

Rectangle

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



111.8550, -23.5925, 7.1432



105.2660, -7.0331, -30.9283



113.8450, 25.2194, -15.6501



117.8090, 9.9542, 27.3545

Sweetspot

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



111.8550, -23.5925, 7.1432



152.3180, -9.0308, 3.2291



81.2000, -6.5076, 34.0276



76.9310, -5.3890, 1.8145



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.



111.8550, -23.5925, 7.1432



143.0330, -36.9913, 11.3721



106.4400, -20.9229, -9.1559



60.3160, -2.6208, 0.5999



106.6410, -52.5740, 16.1008



215.6410, -106.3110, 31.8868

Inverse Universe

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



72.1450, 23.5925, -7.1432



80.9670, 36.9913, -11.3721



77.5600, 20.9229, 9.1559



55.6840, 2.6208, -0.5999



18.3590, 52.5740, -16.1008



36.9460, 106.0216, -32.4016

Previews

White Background



This preview shows how the YUV color 111.8550, -23.5925, 7.1432 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 111.8550, -23.5925, 7.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

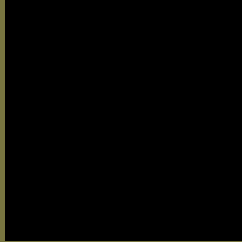
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.8550, -23.5925, 7.1432

Background



This preview shows how black text looks on a background with the YUV color 111.8550, -23.5925, 7.1432.



This preview shows how white text looks on a background with the YUV color 111.8550, -23.5925, 7.1432.

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

111.8550, -23.5925, 7.1432

Protanopia

112.3610, -24.3350, 11.9614

Deuteranopia

113.9540, -23.6413, 22.8423



Tritanopia

116.3970, 1.2833, 8.4218

Trichromacy



Original Color

111.8550, -23.5925, 7.1432

Protanomaly

112.3500, -24.3296, 10.2170

Deuteranomaly

113.5080, -23.9144, 17.0945

Tritanomaly

114.6930, -7.7366, 8.1622

Monochromacy



Original Color

111.8550, -23.5925, 7.1432

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1330, -8.4466, 2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8550, -23.5925, 7.1432 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(120, 117, 64)` looks like.

```
.text, #text, p{  
    color:rgb(120, 117, 64)  
}
```

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(120, 117, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 117, 64) }
```

Border

The CSS property to change the border of an element to YUV 111.8550, -23.5925, 7.1432 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(120, 117, 64) }
```


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

```
.border{ border-color:rgb(120, 117, 64) }
```

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

Here you see how a box with a 4 pixel rgb(120, 117, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 117, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 117, 64);  
box-shadow:4px 4px 4px 4px rgb(120, 117,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 111.8550, -23.5925, 7.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 117, 64) }
```

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

```
.background{ background-color: rgb(120,  
117, 64) }
```

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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