

Converting Colors

YUV(112.8960, -15.7247,
3.5992)

Have a look what the booklet for
YUV(112.8960, -15.7247, 3.5992)
contains.

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Color

**YUV(112.8960, -15.7247,
3.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	757551
RGB	117, 117, 81
RGB Percent	46%, 46%, 32%
CMY	0.5412, 0.5412, 0.6824
CMYK	0.00, 0.00, 0.31, 0.54
HSL	60°, 18%, 39%
HSV	60°, 31%, 46%
XYZ	15.1826, 17.0986, 10.2847
YIQ	112.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

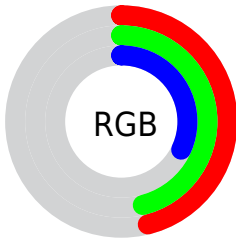
Format	Color
R_{YB}	81, 117, 81
Decimal	7697745
CIE Lab	48.38, -6.22, 19.92
CIE LCh	48, 20.873, 107.348
Yxy	17.0986, 0.3567, 0.4017
Android (android.graphics.Color)	4285887825 (0xFF757551)
YUV	112.8960, -15.7247, 3.5992
Hunter-Lab	41.3504, -6.8235, 14.1986

Details

The YUV color **112.8960, -15.7247, 3.5992** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.1040, 15.7247, -3.5992**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9670, -16.7457, 4.4139**, and **64.9390, -14.2669, 2.6845** is the 20% darker color. If you saturate the color by 10%, you get **111.5280, -20.9663, 4.7989**, and if you desaturate by 10%, it is **114.2640, -10.4832, 2.3995**.

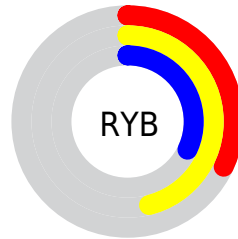
Distribution



Red (46%)

Green (46%)

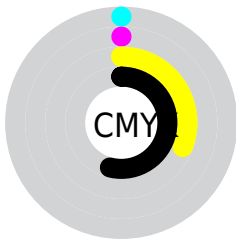
Blue (32%)



Red (32%)

Yellow (46%)

Blue (32%)

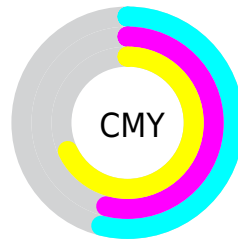


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8960, -15.7247, 3.5992 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 112.8960, -15.7247, 3.5992 by changing the saturation by 10% instead.

■ 112.8960,
-15.7247, 3.5992

■ 112.8960,
-15.7247, 3.5992

■ 255.0000, 0.0000,
0.0000

■ 88.1240, -14.8511,
3.3993

■ 164.9670,
-16.7457, 4.4139

■ 64.9390, -14.2669,
2.6845

■ 191.8530,
-17.1825, 4.5139

■ 42.7540, -13.6827,
1.9697

■ 219.7390,
-17.6193, 4.6139

■ 22.4380, -11.0619,
1.3699

■ 248.6250,
-18.0561, 4.7139

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,
1.4997

■ 112.8960,
-15.7247, 3.5992

■ 112.8960,
-15.7247, 3.5992

■ 111.5280,
-20.9663, 4.7989

■ 114.2640,
-10.4832, 2.3995

■ 110.2740,
-25.7711, 5.8987

■ 115.5180, -5.6784,
1.2997

■ 108.9060,
-31.0127, 7.0984

■ 116.8860, -0.4368,
0.1000

■ 107.5380,
-36.2542, 8.2982

■ 118.2540, 4.8048,
-1.0998

■ 106.1700,
-41.4958, 9.4979

■ 119.5080, 9.6096,
-2.1995

■ 104.9160,
-46.3006, 10.5977

■ 120.8760, 14.8511,
-3.3993

■ 103.6620,
-51.1054, 11.6974

■ 122.2440, 20.0927,
-4.5990

■ 123.6120, 25.3343,

-5.7987

■ 124.8660, 30.1391,
-6.8985

Harmonies

Analogous

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



114.4570, -16.4943, 17.1392



112.8960, -15.7247, 3.5992



110.9910, -9.8556, -12.2701

Triad

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



112.8960, -15.7247, 3.5992



106.9980, 16.2700, -38.5862



117.8380, 2.5449, 23.8211

Complementary

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



112.8960, -15.7247, 3.5992



85.1040, 15.7247, -3.5992

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.



117.5250, 10.5872, 10.9406



112.8960, -15.7247, 3.5992



111.3570, 18.5580, -25.7461

Square

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



112.8960, -15.7247, 3.5992



106.4620, 9.1392, -38.1162



115.1960, 16.1724, -7.1879



116.9930, -5.9125, 29.8241

Rectangle

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



112.8960, -15.7247, 3.5992



109.1190, -4.0027, -22.9064



115.1960, 16.1724, -7.1879



117.9130, 5.4659, 20.2473

Sweetspot

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



112.8960, -15.7247, 3.5992



151.4040, -6.1152, 1.3997



91.7640, -5.3067, 22.1320



75.9740, -3.9312, 0.8998



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.



112.8960, -15.7247, 3.5992



146.5020, -24.8975, 5.6987



107.5140, -13.0714, -7.4668



58.3160, -2.6208, 0.5999



108.0920, -53.2894, 12.1973



221.5000, -109.1995, 24.9945

Inverse Universe

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



85.1040, 15.7247, -3.5992



102.4980, 24.8975, -5.6987



90.4860, 13.0714, 7.4668



53.6840, 2.6208, -0.5999



13.9080, 53.2894, -12.1973



28.5000, 109.1995, -24.9945

Previews

White Background



This preview shows how the YUV color 112.8960, -15.7247, 3.5992 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 112.8960, -15.7247, 3.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

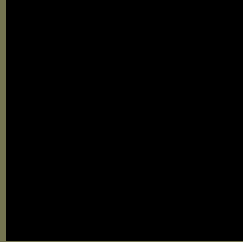
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8960, -15.7247, 3.5992

Background



This preview shows how black text looks on a background with the YUV color 112.8960, -15.7247, 3.5992.



This preview shows how white text looks on a background with the YUV color 112.8960, -15.7247, 3.5992.

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

112.8960, -15.7247, 3.5992

Protanopia

113.7010, -16.6146, 9.0322

Deuteranopia

114.5820, -16.0629, 18.7836



Tritanopia

116.0160, 2.4571, 5.2480

Trichromacy



Original Color

112.8960, -15.7247, 3.5992

Protanomaly

113.3910, -16.4618, 6.6731

Deuteranomaly

114.2500, -15.8993, 12.9358

Tritanomaly

114.8820, -4.3788, 4.4885

Monochromacy



Original Color

112.8960, -15.7247, 3.5992

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.5180, -5.6784, 1.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8960, -15.7247, 3.5992 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(117, 117, 81)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 81)  
}
```

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(117, 117, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 81) }
```

Border

The CSS property to change the border of an element to YUV 112.8960, -15.7247, 3.5992 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(117, 117, 81) }
```


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

```
.border{ border-color:rgb(117, 117, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 117, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 81);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 112.8960, -15.7247, 3.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 81) }
```

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

```
.background{ background-color: rgb(117,  
117, 81) }
```

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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