

Converting Colors

YUV(112.6530, -3.7729, -3.2037)

Have a look what the booklet for
YUV(112.6530, -3.7729, -3.2037)
contains.

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Color

**YUV(112.6530, -3.7729,
-3.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7469
RGB	109, 116, 105
RGB Percent	43%, 45%, 41%
CMY	0.5725, 0.5451, 0.5882
CMYK	0.06, 0.00, 0.09, 0.55
HSL	98°, 5%, 43%
HSV	98°, 9%, 45%
XYZ	15.1019, 16.7619, 15.8040
YIQ	112.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

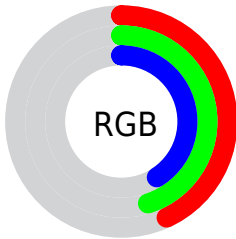
Format	Color
R_{YB}	105, 116, 112
Decimal	7173225
CIE Lab	47.96, -4.87, 5.17
CIE LCh	48, 7.101, 133.321
Yxy	16.7619, 0.3168, 0.3516
Android (android.graphics.Color)	4285363305 (0xFF6D7469)
YUV	112.6530, -3.7729, -3.2037
Hunter-Lab	40.9413, -5.8047, 5.7720

Details

The YUV color **112.6530, -3.7729, -3.2037** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.3470, 3.7729, 3.2037**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2400, -4.0623, -3.7185**, and **65.0660, -3.4835, -2.6889** is the 20% darker color. If you saturate the color by 10%, you get **109.1920, -7.9827, -6.3074**, and if you desaturate by 10%, it is **116.1140, 0.4368, -0.1000**.

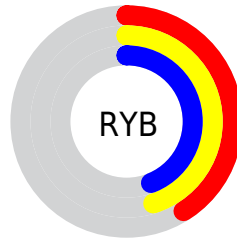
Distribution



Red (43%)

Green (45%)

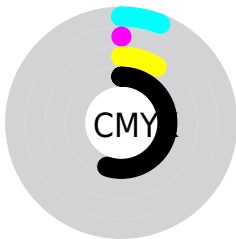
Blue (41%)



Red (41%)

Yellow (45%)

Blue (44%)

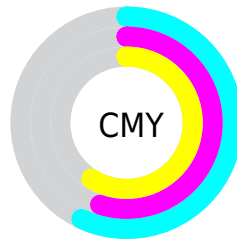


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6530, -3.7729, -3.2037 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 112.6530, -3.7729, -3.2037 by changing the saturation by 10% instead.

■ 112.6530, -3.7729,
-3.2037

■ 112.6530, -3.7729,
-3.2037

255.0000, 0.0000,
0.0000

■ 88.0660, -3.4835,
-2.6889

■ 164.2400, -4.0623,
-3.7185

■ 65.0660, -3.4835,
-2.6889

■ 191.2400, -4.0623,
-3.7185

■ 43.0660, -3.4835,
-2.6889

■ 219.2400, -4.0623,
-3.7185

■ 22.3650, -3.6309,
-2.0741

■ 248.1260, -4.4991,
-3.6185

■ 0.0000, 0.0000,
0.0000

■ 112.6530, -3.7729,

■ 112.6530, -3.7729,

-3.2037

-3.2037

■ 109.1920, -7.9827,
-6.3074

■ 116.1140, 0.4368,
-0.1000

■ 105.5460,
-11.6082, -10.1258

■ 119.7600, 4.0623,
3.7185

■ 102.0850,
-15.8179, -13.2295

■ 123.2210, 8.2720,
6.8222

■ 98.4390, -19.4434,
-17.0480

■ 126.8670, 11.8976,
10.6406

■ 94.9780, -23.6532,
-20.1517

■ 130.3280, 16.1073,
13.7443

■ 91.5170, -27.8629,
-23.2554

■ 133.7890, 20.3170,
16.8480

■ 87.8710, -31.4884,
-27.0739

■ 137.4350, 23.9425,
20.6665

■ 84.4100, -35.6981,
-30.1776

■ 140.8960, 28.1523,
23.7702

■ 81.0630, -39.4711,
-33.3813

■ 144.2430, 31.9252,
26.9739

Harmonies

Analogous

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



113.2300, -5.5364, 2.4293



112.6530, -3.7729, -3.2037



112.0160, -0.9939, -7.9070

Triad

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



112.6530, -3.7729, -3.2037



112.8510, 5.9895, -7.7623



115.1970, -2.0691, 10.3512

Complementary

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



112.6530, -3.7729, -3.2037



108.3470, 3.7729, 3.2037

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.



114.9840, 0.9939, 7.9070



112.6530, -3.7729, -3.2037



113.7700, 5.5364, -2.4293

Square

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



112.6530, -3.7729, -3.2037



112.4870, 4.6899, -10.9511



114.4610, 4.2097, 3.1037



114.9150, -4.3951, 9.7215

Rectangle

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



112.6530, -3.7729, -3.2037



111.5750, 1.1955, -10.1513



114.4610, 4.2097, 3.1037



115.1260, -1.0481, 9.5365

Sweetspot

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



112.6530, -3.7729, -3.2037



148.9460, -1.4524, -0.8296



112.3980, -3.6472, 3.1590



75.9460, -1.4524, -0.8296



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.



112.6530, -3.7729, -3.2037



145.1860, -5.5147, -4.5481



111.5710, -2.7465, -5.7628



57.1200, -2.0312, -1.8592



85.0690, -41.9390, -35.1405



173.9590, -85.7618, -72.7550

Inverse Universe

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



108.3470, 3.7729, 3.2037



138.8140, 5.5147, 4.5481



109.4290, 2.7465, 5.7628



54.8800, 2.0312, 1.8592



37.2300, 41.7916, 35.7553



76.0410, 85.7618, 72.7550

Previews

White Background



This preview shows how the YUV color 112.6530, -3.7729, -3.2037 looks on a white background.

Color Contrast Check

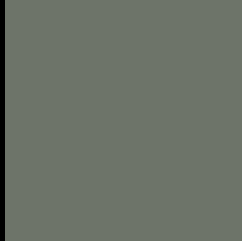
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6530, -3.7729, -3.2037 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

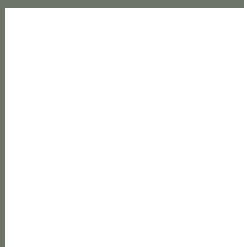
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.6530, -3.7729, -3.2037

Background



This preview shows how black text looks on a background with the YUV color 112.6530, -3.7729, -3.2037.



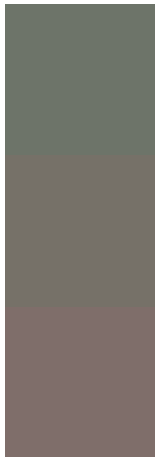
This preview shows how white text looks on a background with the YUV color 112.6530, -3.7729,

-3.2037.

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

112.6530, -3.7729, -3.2037

Protanopia

113.4690, -4.6682, 3.9737

Deuteranopia

114.6270, -4.2531, 10.8511



Tritanopia

113.7270, 4.0786, -1.5146

Trichromacy



Original Color

112.6530, -3.7729, -3.2037

Protanomaly

113.1590, -4.5154, 1.6146

Deuteranomaly

113.7080, -3.8000, 5.5181

Tritanomaly

113.3310, 1.3158, -2.0443

Monochromacy



Original Color

112.6530, -3.7729, -3.2037

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6530, -3.7729, -3.2037 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(109, 116, 105)` looks like.

```
.text, #text, p{  
    color:rgb(109, 116, 105)  
}
```

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(109, 116, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 116, 105) }
```

Border

The CSS property to change the border of an element to YUV 112.6530, -3.7729, -3.2037 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(109, 116, 105) }
```


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

```
.border{ border-color:rgb(109, 116, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 116, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 116, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 116, 105);  
box-shadow:4px 4px 4px 4px rgb(109, 116,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 112.6530, -3.7729, -3.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 116, 105) }
```

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

```
.background{ background-color: rgb(109,  
116, 105) }
```

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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