

Converting Colors

YUV(113.3170, -7.5513, -4.6630)

Have a look what the booklet for
YUV(113.3170, -7.5513, -4.6630)
contains.

YUV(113.3170, -7.5513, -4.6630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.3170, -7.5513,
-4.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7762
RGB	108, 119, 98
RGB Percent	42%, 47%, 38%
CMY	0.5765, 0.5333, 0.6157
CMYK	0.09, 0.00, 0.18, 0.53
HSL	91°, 10%, 43%
HSV	91°, 18%, 47%
XYZ	14.9858, 17.2636, 14.0977
YIQ	113.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

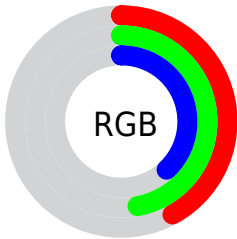
Format	Color
R_{YB}	98, 119, 109
Decimal	7108450
CIE _{Lab}	48.59, -8.29, 10.18
CIE _{LCh}	49, 13.132, 129.153
Yxy	17.2636, 0.3233, 0.3725
Android (android.graphics.Color)	4285298530 (0xFF6C7762)
YUV	113.3170, -7.5513, -4.6630
Hunter-Lab	41.5495, -8.3317, 8.9677

Details

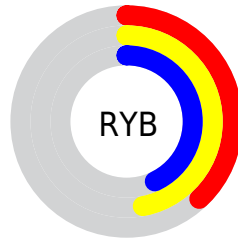
The YUV color **113.3170, -7.5513, -4.6630** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.6830, 7.5513, 4.6630**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2030, -7.9881, -4.5630**, and **65.5450, -6.6777, -4.8630** is the 20% darker color. If you saturate the color by 10%, you get **110.1550, -11.9084, -7.1519**, and if you desaturate by 10%, it is **116.4790, -3.1941, -2.1741**.

Distribution



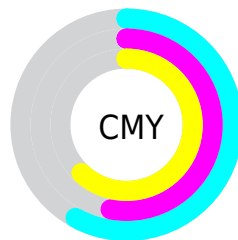
- Red (42%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (43%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3170, -7.5513, -4.6630 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 113.3170, -7.5513, -4.6630 by changing the saturation by 10% instead.

■ 113.3170, -7.5513,
-4.6630

■ 113.3170, -7.5513,
-4.6630

255.0000, 0.0000,
0.0000

■ 88.7300, -7.2619,
-4.1482

■ 165.2030, -7.9881,
-4.5630

■ 65.5450, -6.6777,
-4.8630

■ 192.0890, -8.4249,
-4.4631

■ 42.9580, -6.3883,
-4.3482

■ 219.7900, -8.2775,
-5.0778

■ 22.2140, -7.9935,
-2.8187

■ 248.6760, -8.7143,
-4.9779

■ 0.0000, 0.0000,
0.0000

■ 113.3170, -7.5513,

■ 113.3170, -7.5513,

-4.6630

-4.6630

■ 110.1550,
-11.9084, -7.1519

■ 116.4790, -3.1941,
-2.1741

■ 106.9930,
-16.2655, -9.6409

■ 119.6410, 1.1630,
0.3148

■ 103.5320,
-20.4753, -12.7446

■ 123.1020, 5.3727,
3.4185

■ 100.3700,
-24.8324, -15.2335

■ 126.2640, 9.7298,
5.9075

■ 97.3220, -28.7527,
-17.8224

■ 129.4260, 14.0870,
8.3964

■ 94.1600, -33.1099,
-20.3113

■ 132.4740, 18.0073,
10.9853

■ 90.6990, -37.3196,
-23.4150

■ 135.9350, 22.2170,
14.0890

■ 87.5370, -41.6767,
-25.9039

■ 139.0970, 26.5742,
16.5779

■ 86.8960, -42.8397,
-26.2188

■ 142.2590, 30.9313,
19.0669

Harmonies

Analogous

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



114.9870, -10.3466, 5.2734



113.3170, -7.5513, -4.6630



111.9290, -2.4300, -13.9697

Triad

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



113.3170, -7.5513, -4.6630



113.4630, 11.1107, -17.0691



117.4260, -2.6750, 18.0434

Complementary

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



113.3170, -7.5513, -4.6630



103.6830, 7.5513, 4.6630

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.



117.8860, 3.0142, 13.2550



113.3170, -7.5513, -4.6630



115.1160, 10.7888, -7.1177

Square

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



113.3170, -7.5513, -4.6630



111.4470, 8.6536, -22.3170



116.7970, 7.9881, 4.5630



116.8730, -7.3324, 18.5284

Rectangle

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



113.3170, -7.5513, -4.6630



111.6340, 1.6594, -18.9730



116.7970, 7.9881, 4.5630



117.5830, -0.7804, 17.0287

Sweetspot

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



113.3170, -7.5513, -4.6630



153.5930, -2.7573, -2.2741



110.7360, -6.2788, 7.2475



77.8320, -1.8892, -0.7297



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.



113.3170, -7.5513, -4.6630



146.8560, -11.7610, -7.7667



110.3270, -6.0772, -10.8108



57.4190, -2.1786, -1.2445



88.9560, -43.8553, -27.1484



182.3310, -89.8892, -55.5413

Inverse Universe

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



103.6830, 7.5513, 4.6630



131.8450, 11.9084, 7.1519



106.6730, 6.0772, 10.8108



54.5810, 2.1786, 1.2445



33.0440, 43.8553, 27.1484



67.6690, 89.8892, 55.5413

Previews

White Background



This preview shows how the YUV color 113.3170, -7.5513, -4.6630 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 113.3170, -7.5513, -4.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

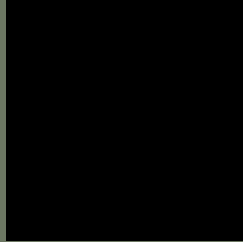
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.3170, -7.5513, -4.6630

Background



This preview shows how black text looks on a background with the YUV color 113.3170, -7.5513, -4.6630.



This preview shows how white text looks on a background with the YUV color 113.3170, -7.5513, -4.6630.

-4.6630.

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

113.3170, -7.5513, -4.6630

Protanopia

114.9270, -9.3310, 6.2030

Deuteranopia

116.0250, -7.9003, 14.0101



Tritanopia

115.1290, 4.3734, -2.7441

Trichromacy



Original Color

113.3170, -7.5513, -4.6630

Protanomaly

114.1330, -8.4466, 2.5144

Deuteranomaly

114.9810, -7.8786, 7.0327

Tritanomaly

114.3910, 0.3002, -2.9739

Monochromacy



Original Color

113.3170, -7.5513, -4.6630

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3170, -7.5513, -4.6630 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(108, 119, 98)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 98)  
}
```

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(108, 119, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 98) }
```

Border

The CSS property to change the border of an element to YUV 113.3170, -7.5513, -4.6630 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(108, 119, 98) }
```


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

```
.border{ border-color:rgb(108, 119, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 98);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 113.3170, -7.5513, -4.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 98) }
```

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

```
.background{ background-color: rgb(108,  
119, 98) }
```

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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