

Converting Colors

YUV(113.7720, -21.0866,
-3.3080)

Have a look what the booklet for
YUV(113.7720, -21.0866, -3.3080)
contains.

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Color

**YUV(113.7720, -21.0866,
-3.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7C47
RGB	110, 124, 71
RGB Percent	43%, 49%, 28%
CMY	0.5686, 0.5137, 0.7216
CMYK	0.11, 0.00, 0.43, 0.51
HSL	76°, 27%, 38%
HSV	76°, 43%, 49%
XYZ	14.7754, 18.1852, 8.6926
YIQ	113.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

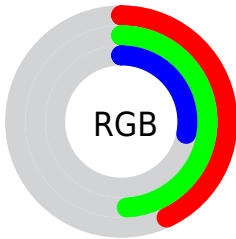
Format	Color
RYB	71, 124, 85
Decimal	7240775
CIELab	49.72, -14.43, 27.19
CIELCh	50, 30.784, 117.953
Yxy	18.1852, 0.3547, 0.4366
Android (android.graphics.Color)	4285430855 (0xFF6E7C47)
YUV	113.7720, -21.0866, -3.3080
Hunter-Lab	42.6441, -12.7804, 17.7652

Details

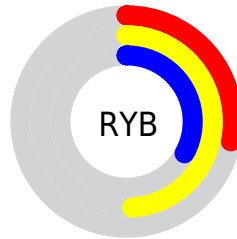
The YUV color **113.7720, -21.0866, -3.3080** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.2280, 21.0866, 3.3080**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0170, -22.6864, -3.5229**, and **65.1140, -19.7762, -3.6080** is the 20% darker color. If you saturate the color by 10%, you get **111.5070, -25.8860, -3.9526**, and if you desaturate by 10%, it is **116.0370, -16.2872, -2.6634**.

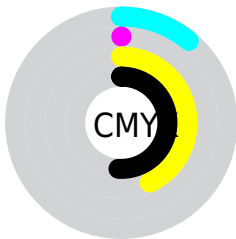
Distribution



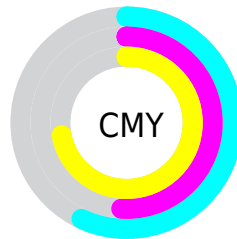
- Red (43%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7720, -21.0866, -3.3080 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 113.7720, -21.0866, -3.3080 by changing the saturation by 10% instead.

■ 113.7720,
-21.0866, -3.3080

■ 113.7720,
-21.0866, -3.3080

■ 255.0000, 0.0000,
0.0000

■ 89.0000, -20.2130,
-3.5080

■ 166.0170,
-22.6864, -3.5229

■ 65.1140, -19.7762,
-3.6080

■ 193.2020,
-23.2706, -2.8082

■ 42.0000, -20.2130,
-3.5080

■ 221.0880,
-23.7074, -2.7082

■ 22.6820, -11.1822,
-6.7371

■ 246.4520,
-22.4078, 0.4806

■ 0.0000, 0.0000,
0.0000

■ 252.0360,
-11.3567, 2.5994

■ 113.7720,
-21.0866, -3.3080

■ 113.7720,
-21.0866, -3.3080

■ 111.5070,
-25.8860, -3.9526

■ 116.0370,
-16.2872, -2.6634

■ 108.8290,
-30.9747, -5.1120

■ 118.7150,
-11.1985, -1.5041

■ 106.5640,
-35.7741, -5.7566

■ 120.9800, -6.3991,
-0.8595

■ 104.1850,
-41.0102, -6.3012

■ 123.3590, -1.1630,
-0.3148

■ 101.9200,
-45.8096, -6.9458

■ 125.6240, 3.6364,
0.3298

■ 99.9970, -49.2985,
-7.8904

■ 128.1880, 8.2883,
1.5891

■ 130.5670, 13.5245,
2.1337

■ 132.8320, 18.3238,

2.7783

■ 135.2110, 23.5600,
3.3230

Harmonies

Analogous

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



116.4650, -25.3722, 18.0092



113.7720, -21.0866, -3.3080



109.6040, -9.6648, -26.8397

Triad

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



113.7720, -21.0866, -3.3080



98.3880, 31.3607, -72.2543



120.9540, 0.0227, 39.5053

Complementary

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



113.7720, -21.0866, -3.3080



81.2280, 21.0866, 3.3080

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.



121.6560, 12.0016, 23.9807



113.7720, -21.0866, -3.3080



112.8320, 28.1838, -33.1787

Square

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



113.7720, -21.0866, -3.3080



93.6720, 23.8257, -82.1503



119.7220, 21.8291, -1.5102



119.7620, -12.2077, 42.3047

Rectangle

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



113.7720, -21.0866, -3.3080



105.1270, 0.4304, -44.8384



119.7220, 21.8291, -1.5102



121.3710, 4.2541, 35.6316

Sweetspot

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



113.7720, -21.0866, -3.3080



156.8120, -8.2883, -1.5891



94.4780, -11.5747, 25.8908



79.3220, -5.0887, -1.1594



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



113.7720, -21.0866, -3.3080



145.0740, -32.5745, -5.3269



105.9980, -17.2540, -19.2922



60.0170, -2.4734, -0.0149



100.8830, -49.7353, -7.7904



203.5380, -100.3442, -15.3808

Inverse Universe

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



81.2280, 21.0866, 3.3080



94.6270, 32.7219, 4.7121



89.0020, 17.2540, 19.2922



56.2820, 2.3260, 0.6297



24.1170, 49.7353, 7.7904



48.7610, 100.1968, 15.9956

Previews

White Background



This preview shows how the YUV color 113.7720, -21.0866, -3.3080 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 113.7720, -21.0866, -3.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

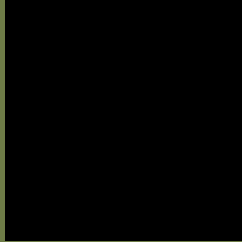
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.7720, -21.0866, -3.3080

Background



This preview shows how black text looks on a background with the YUV color 113.7720, -21.0866, -3.3080.



This preview shows how white text looks on a background with the YUV color 113.7720, -21.0866, -3.3080.

-3.3080.

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

113.7720, -21.0866, -3.3080

Protanopia

115.7030, -23.0246, 11.6615

Deuteranopia

117.5240, -21.4573, 22.3425



Tritanopia

118.1400, 4.3680, -0.9998

Trichromacy



Original Color

113.7720, -21.0866, -3.3080

Protanomaly

114.8980, -22.1347, 6.2285

Deuteranomaly

116.1700, -21.2828, 13.0059

Tritanomaly

116.7240, -4.7939, -2.3889

Monochromacy



Original Color

113.7720, -21.0866, -3.3080

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7720, -21.0866, -3.3080 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(110, 124, 71)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 71)  
}
```

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(110, 124, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 71) }
```

Border

The CSS property to change the border of an element to YUV 113.7720, -21.0866, -3.3080 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(110, 124, 71) }
```


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

```
.border{ border-color:rgb(110, 124, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 71);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 113.7720, -21.0866, -3.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 71) }
```

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

```
.background{ background-color: rgb(110,  
124, 71) }
```

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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