

Converting Colors

YUV(120.2770, -0.1366, -2.8739)

Have a look what the booklet for
YUV(120.2770, -0.1366, -2.8739)
contains.

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Color

**YUV(120.2770, -0.1366,
-2.8739)**

Conversions

Conversions Part 1

Format	Color
Hex	757A78
RGB	117, 122, 120
RGB Percent	46%, 48%, 47%
CMY	0.5412, 0.5216, 0.5294
CMYK	0.04, 0.00, 0.02, 0.52
HSL	156°, 2%, 47%
HSV	156°, 4%, 48%
XYZ	17.6858, 19.0570, 20.5155
YIQ	120.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

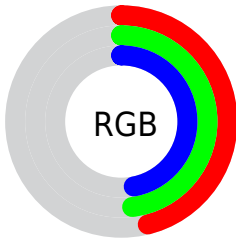
Format	Color
R_{YB}	117, 120, 122
Decimal	7699064
CIE Lab	50.75, -2.28, 0.43
CIE LCh	51, 2.322, 169.204
Yxy	19.0570, 0.3089, 0.3328
Android (android.graphics.Color)	4285889144 (0xFF757A78)
YUV	120.2770, -0.1366, -2.8739
Hunter-Lab	43.6544, -4.0789, 2.6945

Details

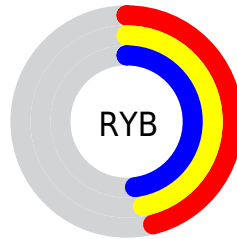
The YUV color **120.2770, -0.1366, -2.8739** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.7230, 0.1366, 2.8739**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2770, -0.1366, -2.8739**, and **71.6900, 0.1528, -2.3591** is the 20% darker color. If you saturate the color by 10%, you get **116.1190, -0.5517, -9.7514**, and if you desaturate by 10%, it is **124.4350, 0.2785, 4.0035**.

Distribution



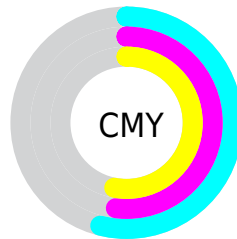
- Red (46%)
- Green (48%)
- Blue (47%)



- Red (46%)
- Yellow (47%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2770, -0.1366, -2.8739 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 120.2770, -0.1366, -2.8739 by changing the saturation by 10% instead.

■ 120.2770, -0.1366,
-2.8739

■ 120.2770, -0.1366,
-2.8739

255.0000, 0.0000,
0.0000

■ 95.2770, -0.1366,
-2.8739

■ 172.2770, -0.1366,
-2.8739

■ 71.6900, 0.1528,
-2.3591

■ 199.9780, 0.0108,
-3.4887

■ 49.5760, -0.2840,
-2.2592

■ 227.9780, 0.0108,
-3.4887

■ 28.5760, -0.2840,
-2.2592

254.4020, 0.2948,
-1.2296

■ 2.5760, -0.2840,
-2.2592

■ 0.0000, 0.0000,
0.0000

■ 120.2770, -0.1366,
-2.8739

■ 120.2770, -0.1366,
-2.8739

■ 116.1190, -0.5517,
-9.7514

■ 124.4350, 0.2785,
4.0035

■ 111.9610, -0.9668,
-16.6288

■ 128.5930, 0.6937,
10.8809

■ 107.5040, -1.2345,
-24.1210

■ 133.0500, 0.9613,
18.3731

■ 103.3460, -1.6496,
-30.9984

■ 137.2080, 1.3765,
25.2506

■ 99.3020, -1.6279,
-37.9759

■ 141.2520, 1.3548,
32.2280

■ 95.1440, -2.0430,
-44.8533

■ 145.4100, 1.7699,
39.1054

■ 90.9860, -2.4581,
-51.7307

■ 149.5680, 2.1850,
45.9829

■ 86.5290, -2.7258,

■ 154.0250, 2.4527,

-59.2229

53.4751

■ 82.3710, -3.1409,
-66.1004

■ 158.1830, 2.8678,
60.3525

Harmonies

Analogous

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



120.6470, -1.3050, -1.4444



120.2770, -0.1366, -2.8739



120.2060, 0.8844, -3.6887

Triad

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



120.2770, -0.1366, -2.8739



121.1570, 1.8946, -1.0147



121.2670, -1.6106, 3.2738

Complementary

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



120.2770, -0.1366, -2.8739



118.7230, 0.1366, 2.8739

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.



121.4950, -0.7370, 3.0739



120.2770, -0.1366, -2.8739



121.2390, 0.8682, 1.5444

Square

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



120.2770, -0.1366, -2.8739



120.5590, 2.1894, -2.2442



121.7230, 0.1366, 2.8739



120.5550, -1.7526, 2.1443

Rectangle

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



120.2770, -0.1366, -2.8739



120.3200, 1.3212, -3.7886



121.7230, 0.1366, 2.8739



121.2670, -1.6106, 3.2738

Sweetspot

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



120.2770, -0.1366, -2.8739



157.5870, -0.2894, -0.5148



120.5330, -1.7418, -1.3444



78.7010, 0.1474, -0.6148



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.



120.2770, -0.1366, -2.8739



155.2660, -0.1311, -4.6183



120.5050, 0.7370, -3.0739



59.9890, 0.0054, -1.7444



81.9250, -3.4140, -71.8482



165.1380, -6.9700, -144.8260

Inverse Universe

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



118.7230, 0.1366, 2.8739



152.7340, 0.1311, 4.6183



119.0820, -1.0264, 2.5591



59.0110, -0.0054, 1.7444



43.0750, 3.4140, 71.8482



86.8620, 6.9700, 144.8260

Previews

White Background



This preview shows how the YUV color 120.2770, -0.1366, -2.8739 looks on a white background.

Color Contrast Check

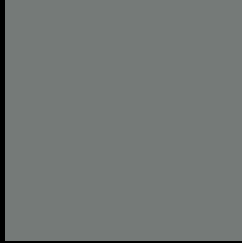
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.2770, -0.1366, -2.8739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

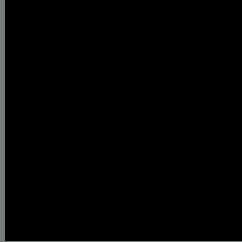
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

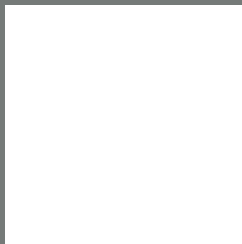
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.2770, -0.1366, -2.8739

Background



This preview shows how black text looks on a background with the YUV color 120.2770, -0.1366, -2.8739.



This preview shows how white text looks on a background with the YUV color 120.2770, -0.1366,

-2.8739.

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

120.2770, -0.1366, -2.8739

Protanopia

120.7830, -0.8790, 1.9443

Deuteranopia

121.9410, -0.4639, 8.8217



Tritanopia

120.8410, 4.5154, -1.6146

Trichromacy



Original Color

120.2770, -0.1366, -2.8739

Protanomaly

120.7720, -0.8736, 0.2000

Deuteranomaly

121.6200, -0.3057, 4.7183

Tritanomaly

120.6730, 2.6262, -2.3442

Monochromacy



Original Color

120.2770, -0.1366, -2.8739

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2770, -0.1366, -2.8739 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, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(117, 122, 120)  
}
```

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, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 122, 120) }
```

Border

The CSS property to change the border of an element to YUV 120.2770, -0.1366, -2.8739 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, 122, 120) }
```


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

```
.border{ border-color:rgb(117, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(117, 122,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 120.2770, -0.1366, -2.8739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 122, 120) }
```

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

```
.background{ background-color: rgb(117,  
122, 120) }
```

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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