

Converting Colors

YUV(111.5770, 8.0965,
-30.3240)

Have a look what the booklet for
YUV(111.5770, 8.0965, -30.3240)
contains.

YUV(111.5770, 8.0965, -30.3240)	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(111.5770, 8.0965,
-30.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7E80
RGB	77, 126, 128
RGB Percent	30%, 49%, 50%
CMY	0.6980, 0.5059, 0.4980
CMYK	0.40, 0.02, 0.00, 0.50
HSL	182°, 25%, 40%
HSV	182°, 40%, 50%
XYZ	14.4177, 18.0580, 23.1477
YIQ	111.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

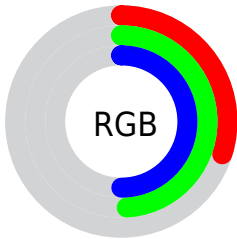
Format	Color
R_{YB}	77, 102, 128
Decimal	5078656
CIE _{Lab}	49.57, -15.95, -6.32
CIE _{LCh}	50, 17.161, 201.610
Yxy	18.0580, 0.2592, 0.3246
Android (android.graphics.Color)	4283268736 (0xFF4D7E80)
YUV	111.5770, 8.0965, -30.3240
Hunter-Lab	42.4947, -13.8038, -2.5502

Details

The YUV color **111.5770, 8.0965, -30.3240** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **93.4230, -8.0965, 30.3240**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2780, 8.2439, -30.9388**, and **61.9790, 8.3914, -31.5536** is the 20% darker color. If you saturate the color by 10%, you get **107.1030, 10.3022, -37.8013**, and if you desaturate by 10%, it is **116.0510, 5.8909, -22.8467**.

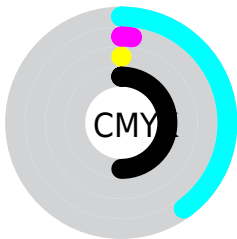
Distribution



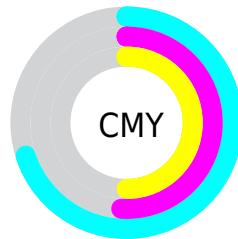
- Red (30%)
- Green (49%)
- Blue (50%)



- Red (30%)
- Yellow (40%)
- Blue (50%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5770, 8.0965, -30.3240 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 111.5770, 8.0965, -30.3240 by changing the saturation by 10% instead.

■ 111.5770, 8.0965,
-30.3240

■ 111.5770, 8.0965,
-30.3240

■ 255.0000, 0.0000,
0.0000

■ 86.5770, 8.0965,
-30.3240

■ 164.2780, 8.2439,
-30.9388

■ 61.9790, 8.3914,
-31.5536

■ 191.2780, 8.2439,
-30.9388

■ 38.0820, 8.8336,
-33.3979

■ 219.6800, 8.5388,
-32.1684

■ 23.3610, 5.7380,
-20.4876

■ 241.8440, 6.4859,
-27.0502

■ 2.0690, 5.3890,
-1.8145

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 111.5770, 8.0965,
-30.3240

■ 111.5770, 8.0965,
-30.3240

■ 107.1030, 10.3022,
-37.8013

■ 116.0510, 5.8909,
-22.8467

■ 103.2160, 12.2185,
-45.7934

■ 119.9380, 3.9746,
-14.8546

■ 99.0410, 14.2768,
-52.6560

■ 124.1130, 1.9163,
-7.9921

■ 95.1540, 16.1931,
-60.6481

■ 128.0000, 0.0000,
0.0000

■ 90.6800, 18.3988,
-68.1254

■ 132.4740, -2.2057,
7.4773

■ 86.7930, 20.3151,
-76.1175

■ 136.3610, -4.1220,
15.4694

■ 140.8350, -6.3277,
22.9467

■ 144.4230, -8.0965,

30.3240

■ 148.8970,
-10.3022, 37.8013

Harmonies

Analogous

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



112.5580, 0.2179, -23.2914



111.5770, 8.0965, -30.3240



112.6680, 13.4747, -28.6498

Triad

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



111.5770, 8.0965, -30.3240



120.4280, 7.6770, 11.0256



117.4180, -14.0101, 13.6654

Complementary

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



111.5770, 8.0965, -30.3240



93.4230, -8.0965, 30.3240

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.



119.1570, -11.4164, 21.7873



111.5770, 8.0965, -30.3240



120.4740, 1.2453, 20.6323

Square

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



111.5770, 8.0965, -30.3240



119.0070, 12.8145, -3.5141



119.9600, -5.8963, 24.5911



116.0960, -12.3723, 1.6698

Rectangle

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



111.5770, 8.0965, -30.3240



114.7550, 14.9108, -22.5871



119.9600, -5.8963, 24.5911



118.2550, -13.4367, 16.4394

Sweetspot

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



111.5770, 8.0965, -30.3240



159.4330, 3.2375, -11.7807



107.1650, -13.8853, -26.4547



80.4120, 1.7689, -7.3773



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



111.5770, 8.0965, -30.3240



140.3190, 12.6607, -47.6378



96.9020, 15.3313, -17.4541



61.9070, 1.0318, -4.3034



86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.8350, 13.8853, 26.4547



118.6980, 21.8409, 41.4839



108.0980, -15.3313, 17.4541



59.8910, 2.0257, 3.6036



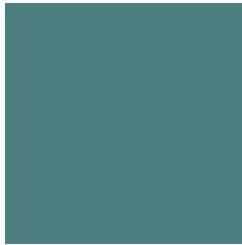
52.2940, 34.8581, 66.3942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.5770, 8.0965, -30.3240 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 111.5770, 8.0965, -30.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

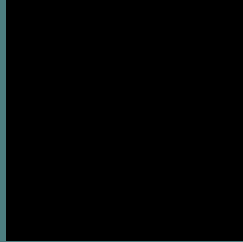
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.5770, 8.0965, -30.3240

Background



This preview shows how black text looks on a background with the YUV color 111.5770, 8.0965, -30.3240.



This preview shows how white text looks on a background with the YUV color 111.5770, 8.0965,

-30.3240.

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

111.5770, 8.0965, -30.3240

Protanopia

117.8690, 2.0366, 0.1149

Deuteranopia

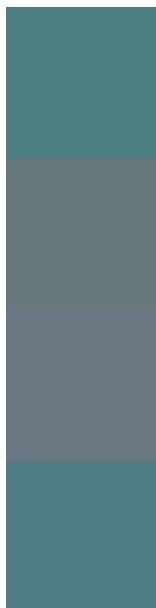
118.6290, 6.0989, 3.8334



Tritanopia

112.3860, 11.1487, -29.2795

Trichromacy



Original Color

111.5770, 8.0965, -30.3240

Protanomaly

115.3730, 4.2531, -10.8511

Deuteranomaly

115.7800, 7.0105, -8.5771

Tritanomaly

111.7450, 9.9857, -29.5944

Monochromacy



Original Color

111.5770, 8.0965, -30.3240

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7320, 3.0901, -11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5770, 8.0965, -30.3240 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(77, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(77, 126, 128)  
}
```

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(77, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 126, 128) }
```

Border

The CSS property to change the border of an element to YUV 111.5770, 8.0965, -30.3240 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(77, 126, 128) }
```


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

```
.border{ border-color:rgb(77, 126, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 126, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 126, 128);  
box-shadow:4px 4px 4px 4px rgb(77, 126,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 111.5770, 8.0965, -30.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 126, 128) }
```

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

```
.background{ background-color: rgb(77, 126,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor