

Converting Colors

YUV(129.7770, 18.3509,
-5.9434)

Have a look what the booklet for
YUV(129.7770, 18.3509, -5.9434)
contains.

YUV(129.7770, 18.3509, -5.9434)	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(129.7770, 18.3509,
-5.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7EA7
RGB	123, 126, 167
RGB Percent	48%, 49%, 65%
CMY	0.5176, 0.5059, 0.3451
CMYK	0.26, 0.25, 0.00, 0.35
HSL	236°, 20%, 57%
HSV	236°, 26%, 65%
XYZ	22.6043, 21.9227, 39.5993
YIQ	129.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

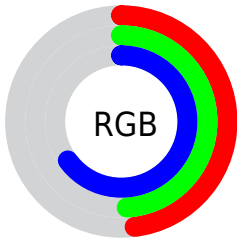
Format	Color
R_{YB}	123, 126, 167
Decimal	8093351
CIE _{Lab}	53.94, 8.29, -22.17
CIE _{LCh}	54, 23.666, 290.515
Yxy	21.9227, 0.2687, 0.2606
Android (android.graphics.Color)	4286283431 (0xFF7B7EA7)
YUV	129.7770, 18.3509, -5.9434
Hunter-Lab	46.8217, 4.2373, -17.3693

Details

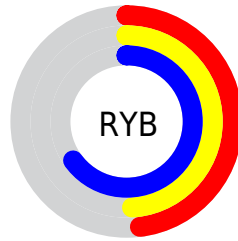
The YUV color $129.7770, 18.3509, -5.9434$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $160.2230, -18.3509, 5.9434$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.0050, 19.2245, -6.1434$, and $80.1360, 17.1880, -6.2583$ is the 20% darker color. If you saturate the color by 10%, you get $115.3020, 25.4871, -8.1579$, and if you desaturate by 10%, it is $144.2520, 11.2148, -3.7290$.

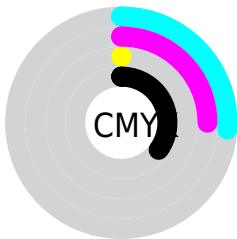
Distribution



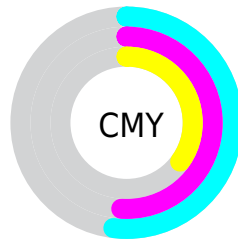
- Red (48%)
- Green (49%)
- Blue (65%)



- Red (48%)
- Yellow (49%)
- Blue (65%)



- Cyan (26%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7770, 18.3509, -5.9434 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 129.7770, 18.3509, -5.9434 by changing the saturation by 10% instead.

■ 129.7770, 18.3509,
-5.9434

■ 129.7770, 18.3509,
-5.9434

255.0000, 0.0000,
0.0000

■ 104.6630, 17.9141,
-5.8435

■ 183.0050, 19.2245,
-6.1434

■ 80.1360, 17.1880,
-6.2583

■ 210.5320, 19.9507,
-5.7286

■ 57.1960, 16.1724,
-7.1879

■ 235.7960, 9.4676,
-3.3291

■ 34.7830, 15.8830,
-7.7027

■ 12.3700, 15.5936,
-8.2175

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 129.7770, 18.3509,
-5.9434

■ 129.7770, 18.3509,
-5.9434

■ 115.3020, 25.4871,
-8.1579

■ 144.2520, 11.2148,
-3.7290

■ 101.7130, 32.1865,
-10.2723

■ 157.8410, 4.5154,
-1.6146

■ 87.2380, 39.3227,
-12.4867

■ 172.3160, -2.6208,
0.5999

■ 73.3500, 46.1695,
-15.2159

■ 186.2040, -9.4676,
3.3291

■ 58.8750, 53.3056,
-17.4304

■ 200.6790,
-16.6037, 5.5435

■ 45.2860, 60.0050,
-19.5448

■ 214.2680,
-23.3031, 7.6580

■ 30.8110, 67.1412,
-21.7592

■ 228.7430,
-30.4393, 9.8724

■ 25.4950, 69.7620,
-22.3591

■ 242.0330,
-36.9913, 11.3721

■ 244.9680,
-38.4382, 8.7981

Harmonies

Analogous

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



125.1440, 21.6210, -28.1903



129.7770, 18.3509, -5.9434



132.0740, 11.3025, 14.8441

Triad

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



129.7770, 18.3509, -5.9434



130.0610, -15.8061, 29.7645



120.6060, 0.6872, -33.8575

Complementary

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



129.7770, 18.3509, -5.9434



160.2230, -18.3509, 5.9434

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.



123.7410, -10.7183, -15.5589



129.7770, 18.3509, -5.9434



128.0720, -19.2625, 18.3539

Square

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



129.7770, 18.3509, -5.9434



130.9720, -7.3812, 34.2276



126.3150, -17.9033, 2.3547



118.1020, 11.7817, -45.6935

Rectangle

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



129.7770, 18.3509, -5.9434



132.5330, 5.1602, 24.9656



126.3150, -17.9033, 2.3547



121.6130, -3.2602, -27.7246

Sweetspot

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



129.7770, 18.3509, -5.9434



202.2260, 7.2836, -2.8292



153.3880, 4.7387, -26.6503



100.2540, 4.8048, -1.0998



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.7770, 18.3509, -5.9434



157.9150, 29.1289, -9.5725



133.3980, 16.5658, 6.6670



76.9120, 3.4944, -0.7998



22.7420, 61.7522, -19.9447



2.8670, 8.4466, -2.5144

Inverse Universe

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



136.4980, -5.1755, 26.7503



168.5000, -8.1345, 42.5345



156.6020, -16.5658, -6.6670



78.3920, -1.1793, 4.9182



45.3920, -17.4483, 89.9872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 129.7770, 18.3509, -5.9434 looks on a white background.

Color Contrast Check

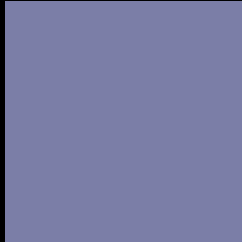
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7770, 18.3509, -5.9434 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 129.7770, 18.3509, -5.9434

Background



This preview shows how black text looks on a background with the YUV color 129.7770, 18.3509, -5.9434.



This preview shows how white text looks on a background with the YUV color 129.7770, 18.3509, -5.9434.

-5.9434.

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

129.7770, 18.3509, -5.9434

Protanopia

128.9830, 19.2354, -9.6321

Deuteranopia

129.7660, 18.3564, -7.6878



Tritanopia

128.2530, 6.2843, -8.9919

Trichromacy



Original Color

129.7770, 18.3509, -5.9434

Protanomaly

129.5810, 18.9406, -8.4025

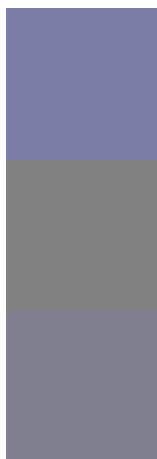
Deuteranomaly

130.0650, 18.2090, -7.0730

Tritanomaly

128.7030, 10.4994, -7.6325

Monochromacy



Original Color

129.7770, 18.3509, -5.9434

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7770, 18.3509, -5.9434 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(123, 126, 167)` looks like.

```
.text, #text, p{  
    color:rgb(123, 126, 167)  
}
```

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(123, 126, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 126, 167) }
```

Border

The CSS property to change the border of an element to YUV 129.7770, 18.3509, -5.9434 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(123, 126, 167) }
```


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

```
.border{ border-color:rgb(123, 126, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 126, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 126, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 126, 167);  
box-shadow:4px 4px 4px 4px rgb(123, 126,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 129.7770, 18.3509, -5.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 126, 167) }
```

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

```
.background{ background-color: rgb(123,  
126, 167) }
```

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