

Converting Colors

YUV(117.1730, 21.1137,
-5.4137)

Have a look what the booklet for
YUV(117.1730, 21.1137, -5.4137)
contains.

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Color

**YUV(117.1730, 21.1137,
-5.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	6F70A0
RGB	111, 112, 160
RGB Percent	44%, 44%, 63%
CMY	0.5647, 0.5608, 0.3725
CMYK	0.31, 0.30, 0.00, 0.37
HSL	239°, 21%, 53%
HSV	239°, 31%, 63%
XYZ	18.6949, 17.5059, 35.6514
YIQ	117.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

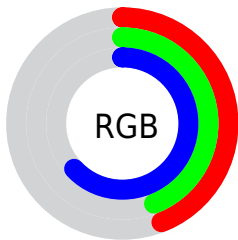
Format	Color
R_{YB}	111, 112, 160
Decimal	7303328
CIE _{Lab}	48.89, 11.08, -25.97
CIE _{LCh}	49, 28.231, 293.101
Yxy	17.5059, 0.2602, 0.2436
Android (android.graphics.Color)	4285493408 (0xFF6F70A0)
YUV	117.1730, 21.1137, -5.4137
Hunter-Lab	41.8401, 6.5368, -21.2322

Details

The YUV color **117.1730, 21.1137, -5.4137** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.8270, -21.1137, 5.4137**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8140, 22.2767, -5.0989**, and **68.1190, 19.6613, -6.2434** is the 20% darker color. If you saturate the color by 10%, you get **102.9970, 28.1025, -7.0134**, and if you desaturate by 10%, it is **131.3490, 14.1249, -3.8141**.

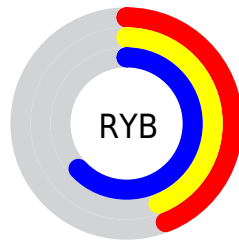
Distribution



Red (44%)

Green (44%)

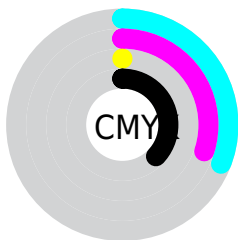
Blue (63%)



Red (44%)

Yellow (44%)

Blue (63%)

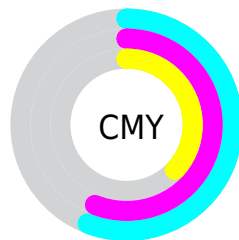


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (56%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1730, 21.1137, -5.4137 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 117.1730, 21.1137, -5.4137 by changing the saturation by 10% instead.

■ 117.1730, 21.1137,
-5.4137

■ 117.1730, 21.1137,
-5.4137

■ 255.0000, 0.0000,
0.0000

■ 92.6460, 20.3875,
-5.8285

■ 169.8140, 22.2767,
-5.0989

■ 68.1190, 19.6613,
-6.2434

■ 196.9280, 22.7135,
-5.1989

■ 45.2930, 19.0826,
-7.2730

■ 222.5170, 16.0141,
-3.0844

■ 23.0430, 18.2198,
-10.5617

■ 248.2110, 3.3470,
-0.1850

■ 4.4460, 17.0351,
-3.8991

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 117.1730, 21.1137,
-5.4137

■ 117.1730, 21.1137,
-5.4137

■ 102.9970, 28.1025,
-7.0134

■ 131.3490, 14.1249,
-3.8141

■ 89.4080, 34.8019,
-9.1278

■ 144.9380, 7.4256,
-1.6996

■ 75.2320, 41.7906,
-10.7275

■ 159.1140, 0.4368,
-0.1000

■ 61.0560, 48.7794,
-12.3271

■ 173.2900, -6.5520,
1.4997

■ 47.4670, 55.4788,
-14.4416

■ 186.8790,
-13.2513, 3.6141

■ 33.2910, 62.4675,
-16.0412

■ 201.0550,
-20.2401, 5.2138

■ 20.0010, 69.0195,
-17.5409

■ 215.2310,
-27.2289, 6.8134

■ 228.8200,
-33.9283, 8.9279

■ 242.9960,
-40.9170, 10.5275

Harmonies

Analogous

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



110.5500, 25.8579, -33.8083



117.1730, 21.1137, -5.4137



119.1500, 12.7440, 19.1624

Triad

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



117.1730, 21.1137, -5.4137



116.9860, -18.7271, 33.3383



104.4090, 2.7564, -44.2087

Complementary

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



117.1730, 21.1137, -5.4137



153.8270, -21.1137, 5.4137

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.



109.2950, -10.9914, -21.3067



117.1730, 21.1137, -5.4137



115.1600, -22.7569, 19.1537

Square

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



117.1730, 21.1137, -5.4137



118.1360, -9.4340, 39.3457



112.3210, -20.3713, 0.5955



97.2780, 18.1039, -66.8958

Rectangle

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



117.1730, 21.1137, -5.4137



119.0930, 5.8702, 30.6134



112.3210, -20.3713, 0.5955



106.0850, -2.5069, -36.0315

Sweetspot

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



117.1730, 21.1137, -5.4137



192.7530, 8.0098, -2.4144



145.1210, 6.3493, -29.9241



94.3680, 5.2416, -1.1997



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



117.1730, 21.1137, -5.4137



141.3650, 33.3441, -8.2131



123.4630, 18.0127, 9.2409



71.9120, 3.4944, -0.7998



18.0630, 61.5939, -15.8413



1.7100, 6.5520, -1.4997

Inverse Universe

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



125.7650, -6.7861, 30.0241



155.1370, -10.9135, 47.2379



147.5370, -18.0127, -9.2409



73.3920, -1.1793, 4.9182



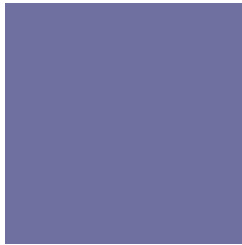
43.0990, -19.7688, 87.6132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 117.1730, 21.1137, -5.4137 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 117.1730, 21.1137, -5.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

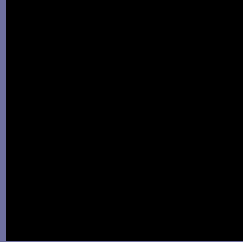
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1730, 21.1137, -5.4137

Background



This preview shows how black text looks on a background with the YUV color 117.1730, 21.1137, -5.4137.



This preview shows how white text looks on a background with the YUV color 117.1730, 21.1137, -5.4137.

-5.4137.

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

117.1730, 21.1137, -5.4137

Protanopia

115.8840, 22.7352, -12.1763

Deuteranopia

116.1290, 21.1354, -12.3911



Tritanopia

114.9540, 6.4317, -9.6067

Trichromacy



Original Color

117.1730, 21.1137, -5.4137

Protanomaly

116.0800, 22.1456, -9.7172

Deuteranomaly

116.4390, 20.9826, -10.0320

Tritanomaly

116.0450, 11.8098, -7.9325

Monochromacy



Original Color

117.1730, 21.1137, -5.4137

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0520, 7.8624, -1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1730, 21.1137, -5.4137 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(111, 112, 160)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 160)  
}
```

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(111, 112, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 160) }
```

Border

The CSS property to change the border of an element to YUV 117.1730, 21.1137, -5.4137 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(111, 112, 160) }
```


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

```
.border{ border-color:rgb(111, 112, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 160);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 117.1730, 21.1137, -5.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 160) }
```

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

```
.background{ background-color: rgb(111,  
112, 160) }
```

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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