

Converting Colors

YUV(120.7230, 16.8986,
-6.7731)

Have a look what the booklet for
YUV(120.7230, 16.8986, -6.7731)
contains.

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Color

**YUV(120.7230, 16.8986,
-6.7731)**

Conversions

Conversions Part 1

Format	Color
Hex	71769B
RGB	113, 118, 155
RGB Percent	44%, 46%, 61%
CMY	0.5569, 0.5373, 0.3922
CMYK	0.27, 0.24, 0.00, 0.39
HSL	233°, 17%, 53%
HSV	233°, 27%, 61%
XYZ	19.2049, 18.8341, 33.6335
YIQ	120.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

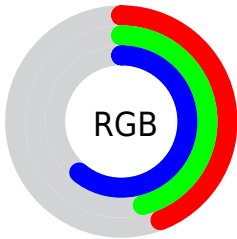
Format	Color
R_{YB}	113, 117, 155
Decimal	7435931
CIE Lab	50.49, 6.79, -20.55
CIE LCh	50, 21.649, 288.292
Yxy	18.8341, 0.2680, 0.2628
Android (android.graphics.Color)	4285626011 (0xFF71769B)
YUV	120.7230, 16.8986, -6.7731
Hunter-Lab	43.3983, 3.0438, -15.5707

Details

The YUV color **120.7230, 16.8986, -6.7731** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.2770, -16.8986, 6.7731**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3640, 18.0615, -6.4582**, and **72.0820, 15.7356, -7.0879** is the 20% darker color. If you saturate the color by 10%, you get **108.0200, 23.1611, -8.7875**, and if you desaturate by 10%, it is **133.7250, 10.4886, -4.1438**.

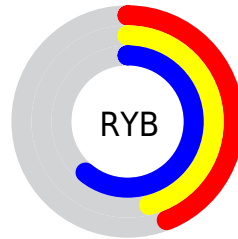
Distribution



Red (44%)

Green (46%)

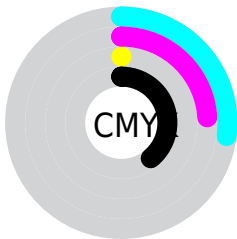
Blue (61%)



Red (44%)

Yellow (46%)

Blue (61%)

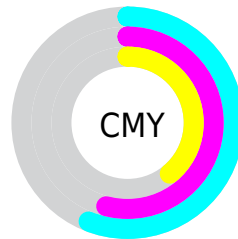


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7230, 16.8986, -6.7731 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 120.7230, 16.8986, -6.7731 by changing the saturation by 10% instead.

■ 120.7230, 16.8986,
-6.7731

■ 120.7230, 16.8986,
-6.7731

■ 255.0000, 0.0000,
0.0000

■ 95.6090, 16.4618,
-6.6731

■ 173.3640, 18.0615,
-6.4582

■ 72.0820, 15.7356,
-7.0879

■ 200.4780, 18.4983,
-6.5582

■ 49.1420, 14.7200,
-8.0175

■ 227.2240, 13.6936,
-5.4584

■ 27.3160, 14.1412,
-9.0471

■ 252.9180, 1.0264,
-2.5591

■ 3.9900, 15.2879,
-3.4992

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 120.7230, 16.8986,
-6.7731

■ 120.7230, 16.8986,
-6.7731

■ 108.0200, 23.1611,
-8.7875

■ 133.7250, 10.4886,
-4.1438

■ 95.6050, 29.2817,
-11.9316

■ 145.8410, 4.5154,
-1.6146

■ 82.9020, 35.5443,
-13.9461

■ 158.8430, -1.8946,
1.0147

■ 69.9000, 41.9543,
-16.5753

■ 171.5460, -8.1572,
3.0292

■ 57.4850, 48.0749,
-19.7193

■ 183.6620,
-14.1304, 5.5584

■ 44.7820, 54.3375,
-21.7338

■ 196.6640,
-20.5404, 8.1877

■ 32.0790, 60.6001,
-23.7483

■ 209.6660,
-26.9503, 10.8169

■ 28.2360, 62.4947,
-24.7630

■ 221.7820,
-32.9235, 13.3462

■ 234.4850,
-39.1861, 15.3607

Harmonies

Analogous

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



116.5850, 19.4316, -25.9460



120.7230, 16.8986, -6.7731



123.2370, 10.7292, 12.0702

Triad

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



120.7230, 16.8986, -6.7731



121.5060, -14.0535, 27.6202



112.9980, -0.4920, -28.9392

Complementary

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



120.7230, 16.8986, -6.7731



147.2770, -16.8986, 6.7731

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.



115.5780, -10.1450, -12.7849



120.7230, 16.8986, -6.7731



120.1150, -17.8047, 17.4391

Square

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



120.7230, 16.8986, -6.7731



122.1780, -6.4968, 30.5389



118.3690, -16.4509, 3.1844



110.6790, 10.0183, -40.0605

Rectangle

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



120.7230, 16.8986, -6.7731



122.9240, 5.4605, 21.9917



118.3690, -16.4509, 3.1844



113.8200, -3.8553, -23.5211

Sweetspot

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



120.7230, 16.8986, -6.7731



187.9980, 6.4100, -2.6292



141.7580, 3.5703, -25.2208



93.7270, 4.0786, -1.5146



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.7230, 16.8986, -6.7731



147.2200, 26.5135, -10.7169



122.2730, 16.1344, 5.0226



70.4990, 3.2050, -1.3146



25.9390, 56.2321, -22.7485



2.6560, 5.0996, -2.3293

Inverse Universe

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



126.1280, -4.0071, 25.3207



155.6460, -6.2345, 39.7755



145.7270, -16.1344, -5.0226



71.5060, -0.7425, 4.8182



43.7980, -13.2114, 84.3692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 120.7230, 16.8986, -6.7731 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 120.7230, 16.8986, -6.7731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

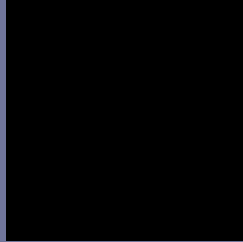
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7230, 16.8986, -6.7731

Background



This preview shows how black text looks on a background with the YUV color 120.7230, 16.8986, -6.7731.



This preview shows how white text looks on a background with the YUV color 120.7230, 16.8986, -6.7731.

-6.7731.

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

120.7230, 16.8986, -6.7731

Protanopia

120.5270, 17.4882, -9.2322

Deuteranopia

120.7230, 16.8986, -6.7731



Tritanopia

118.9540, 6.4317, -9.6067

Trichromacy



Original Color

120.7230, 16.8986, -6.7731

Protanomaly

120.8260, 17.3408, -8.6174

Deuteranomaly

120.7230, 16.8986, -6.7731

Tritanomaly

119.8770, 9.9206, -8.6621

Monochromacy



Original Color

120.7230, 16.8986, -6.7731

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7230, 16.8986, -6.7731 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(113, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(113, 118, 155)  
}
```

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(113, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 118, 155) }
```

Border

The CSS property to change the border of an element to YUV 120.7230, 16.8986, -6.7731 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(113, 118, 155) }
```


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

```
.border{ border-color:rgb(113, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(113, 118,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 120.7230, 16.8986, -6.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 118, 155) }
```

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

```
.background{ background-color: rgb(113,  
118, 155) }
```

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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