

Converting Colors

YUV(101.1730, 21.1137,
-5.4137)

Have a look what the booklet for
YUV(101.1730, 21.1137, -5.4137)
contains.

YUV(101.1730, 21.1137, -5.4137)	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(101.1730, 21.1137,
-5.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6090
RGB	95, 96, 144
RGB Percent	37%, 38%, 56%
CMY	0.6275, 0.6235, 0.4353
CMYK	0.34, 0.33, 0.00, 0.44
HSL	239°, 21%, 47%
HSV	239°, 34%, 56%
XYZ	13.9362, 12.8123, 28.1241
YIQ	101.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

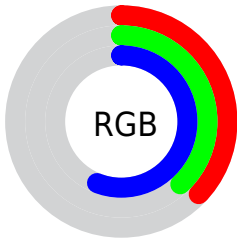
Format	Color
R _Y B	95, 96, 144
Decimal	6250640
CIE Lab	42.48, 11.59, -26.54
CIE LCh	42, 28.966, 293.591
Yxy	12.8123, 0.2540, 0.2335
Android (android.graphics.Color)	4284440720 (0xFF5F6090)
YUV	101.1730, 21.1137, -5.4137
Hunter-Lab	35.7942, 6.8579, -21.5291

Details

The YUV color **101.1730, 21.1137, -5.4137** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **137.8270, -21.1137, 5.4137**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2270, 22.5661, -4.5841**, and **53.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **88.7690, 27.2289, -6.8134**, and if you desaturate by 10%, it is **113.5770, 14.9985, -4.0140**.

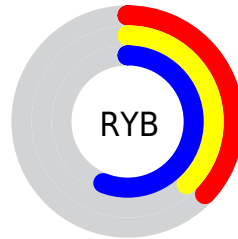
Distribution



Red (37%)

Green (38%)

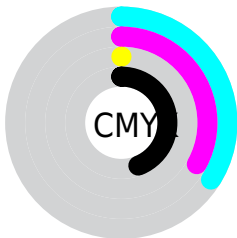
Blue (56%)



Red (37%)

Yellow (38%)

Blue (56%)

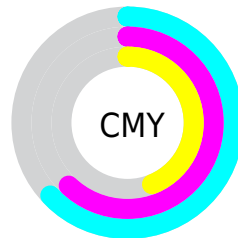


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1730, 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 101.1730, 21.1137, -5.4137 by changing the saturation by 10% instead.

■ 101.1730, 21.1137,
-5.4137

■ 101.1730, 21.1137,
-5.4137

■ 255.0000, 0.0000,
0.0000

■ 76.6460, 20.3875,
-5.8285

■ 152.2270, 22.5661,
-4.5841

■ 53.7060, 19.3719,
-6.7582

■ 179.3410, 23.0029,
-4.6841

■ 31.1680, 18.6512,
-8.9173

■ 206.8680, 23.7291,
-4.2692

■ 7.1190, 19.6613,
-6.2434

■ 231.6760, 11.4987,
-1.4699

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 101.1730, 21.1137,
-5.4137

■ 101.1730, 21.1137,
-5.4137

■ 88.7690, 27.2289,
-6.8134

■ 113.5770, 14.9985,
-4.0140

■ 76.0660, 33.4915,
-8.8279

■ 126.2800, 8.7360,
-1.9996

■ 63.6620, 39.6066,
-10.2276

■ 138.6840, 2.6208,
-0.5999

■ 50.9590, 45.8692,
-12.2420

■ 151.3870, -3.6418,
1.4146

■ 37.9680, 52.2738,
-13.1269

■ 164.3780,
-10.0464, 2.2995

■ 25.5640, 58.3889,
-14.5266


■ 176.7820,
-16.1615, 3.6992

■ 18.1770, 62.0307,
-15.9412

■ 189.4850,
-22.4241, 5.7137

■ 201.8890,

-28.5393, 7.1133

 214.5920,
-34.8019, 9.1278

Harmonies

Analogous

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



93.3540, 26.4475, -36.2675



101.1730, 21.1137, -5.4137



103.1500, 12.7441, 19.1625

Triad

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



101.1730, 21.1137, -5.4137



100.6870, -18.5797, 32.7235



86.0280, 3.9302, -47.3826

Complementary

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



101.1730, 21.1137, -5.4137



137.8270, -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.



92.9960, -10.8440, -21.9215



101.1730, 21.1137, -5.4137



98.7470, -23.0463, 18.6389

Square

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



101.1730, 21.1137, -5.4137



101.1360, -9.4340, 39.3457



96.6090, -20.5132, -0.5341



79.8970, 19.2778, -70.0697

Rectangle

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



101.1730, 21.1137, -5.4137



102.9790, 5.4334, 30.7134



96.6090, -20.5132, -0.5341



89.3020, -1.6279, -37.9759

Sweetspot

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



101.1730, 21.1137, -5.4137



170.0520, 7.8624, -1.7996



129.1210, 6.3493, -29.9241



84.2540, 4.8048, -1.0998



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



101.1730, 21.1137, -5.4137



119.2510, 32.9073, -8.1131



107.4630, 18.0127, 9.2409



64.7980, 3.0576, -0.6998



17.1510, 58.0996, -15.0414



0.9120, 3.4944, -0.7998

Inverse Universe

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



109.7650, -6.7861, 30.0241



132.8380, -10.7661, 46.6231



131.5370, -18.0127, -9.2409



66.0930, -1.0318, 4.3034



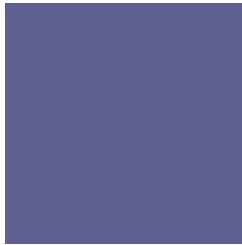
40.7070, -18.5896, 82.6950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 101.1730, 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 101.1730, 21.1137, -5.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

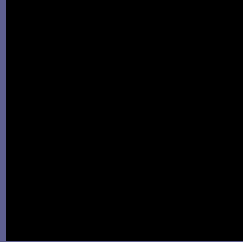
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.1730, 21.1137, -5.4137

Background



This preview shows how black text looks on a background with the YUV color 101.1730, 21.1137, -5.4137.



This preview shows how white text looks on a background with the YUV color 101.1730, 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

101.1730, 21.1137, -5.4137

Protanopia

100.1720, 22.5932, -13.3058

Deuteranopia

99.5310, 21.4302, -13.6207



Tritanopia

99.4270, 5.7055, -10.0215

Trichromacy



Original Color

101.1730, 21.1137, -5.4137

Protanomaly

100.6670, 21.8562, -10.2320

Deuteranomaly

100.1400, 21.1300, -10.6468

Tritanomaly

99.9310, 11.3730, -7.8325

Monochromacy



Original Color

101.1730, 21.1137, -5.4137

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0520, 7.8624, -1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1730, 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(95, 96, 144)` looks like.

```
.text, #text, p{  
    color:rgb(95, 96, 144)  
}
```

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(95, 96, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 96, 144) }
```

Border

The CSS property to change the border of an element to YUV 101.1730, 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(95, 96, 144) }
```


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

```
.border{ border-color:rgb(95, 96, 144) }
```

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

Here you see how a box with a 4 pixel rgb(95, 96, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 96, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 96, 144);  
box-shadow:4px 4px 4px 4px rgb(95, 96,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 101.1730, 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(95, 96, 144) }
```

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

```
.background{ background-color: rgb(95, 96,  
144) }
```

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