

Converting Colors

YUV(101.0650, 18.2090,
-7.0730)

Have a look what the booklet for
YUV(101.0650, 18.2090, -7.0730)
contains.

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Color

**YUV(101.0650, 18.2090,
-7.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	5D628A
RGB	93, 98, 138
RGB Percent	36%, 38%, 54%
CMY	0.6353, 0.6157, 0.4588
CMYK	0.33, 0.29, 0.00, 0.46
HSL	233°, 19%, 45%
HSV	233°, 33%, 54%
XYZ	13.4693, 12.8975, 25.8243
YIQ	101.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

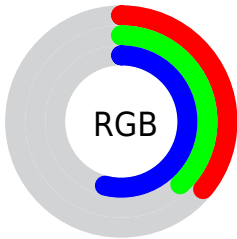
Format	Color
R_{YB}	93, 98, 138
Decimal	6120074
CIE _{Lab}	42.61, 8.06, -22.75
CIE _{LCh}	43, 24.135, 289.500
Yxy	12.8975, 0.2581, 0.2471
Android (android.graphics.Color)	4284310154 (0xFF5D628A)
YUV	101.0650, 18.2090, -7.0730
Hunter-Lab	35.9131, 4.0991, -17.4950

Details

The YUV color **101.0650, 18.2090, -7.0730** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.9350, -18.2090, 7.0730**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7060, 19.3719, -6.7582**, and **54.0110, 16.7566, -7.9026** is the 20% darker color. If you saturate the color by 10%, you get **89.8350, 23.7453, -9.5023**, and if you desaturate by 10%, it is **112.2950, 12.6726, -4.6437**.

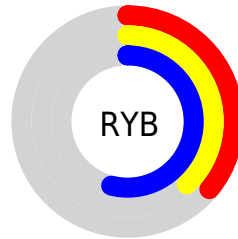
Distribution



Red (36%)

Green (38%)

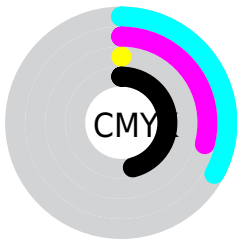
Blue (54%)



Red (36%)

Yellow (38%)

Blue (54%)

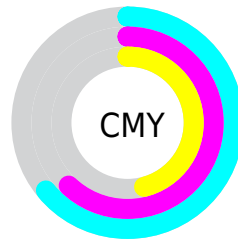


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0650, 18.2090, -7.0730 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 101.0650, 18.2090, -7.0730 by changing the saturation by 10% instead.

■ 101.0650, 18.2090,
-7.0730

■ 101.0650, 18.2090,
-7.0730

■ 255.0000, 0.0000,
0.0000

■ 76.5380, 17.4828,
-7.4878

■ 152.7060, 19.3719,
-6.7582

■ 54.0110, 16.7566,
-7.9026

■ 178.9340, 20.2455,
-6.9581

■ 31.7720, 15.8884,
-9.4470

■ 206.9340, 20.2455,
-6.9581

■ 8.3100, 16.6092,
-7.2879

■ 232.5400, 11.0728,
-4.8586

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 101.0650, 18.2090,
-7.0730

■ 101.0650, 18.2090,
-7.0730

■ 89.8350, 23.7453,
-9.5023

■ 112.2950, 12.6726,
-4.6437

■ 78.0180, 29.5711,
-11.4168

■ 124.1120, 6.8468,
-2.7292

■ 67.0870, 34.9601,
-13.2313

■ 135.0430, 1.4578,
-0.9147

■ 55.8570, 40.4965,
-15.6606

■ 146.2730, -4.0786,
1.5146

■ 44.6270, 46.0329,
-18.0899

■ 157.5030, -9.6150,
3.9439

■ 32.8100, 51.8587,
-20.0044


■ 169.3200,
-15.4408, 5.8584

■ 24.5370, 55.9373,
-21.5189

■ 180.5500,
-20.9771, 8.2877

■ 191.4810,

-26.3661, 10.1022

 202.7110,
-31.9025, 12.5315

Harmonies

Analogous

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



95.7200, 21.3370, -30.4494



101.0650, 18.2090, -7.0730



103.4760, 11.5973, 13.6145

Triad

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



101.0650, 18.2090, -7.0730



100.9900, -14.7851, 28.9498



91.6060, 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.



101.0650, 18.2090, -7.0730



129.9350, -18.2090, 7.0730

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.



95.1540, -10.4289, -15.0441



101.0650, 18.2090, -7.0730



99.7730, -19.1151, 17.7391

Square

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



101.0650, 18.2090, -7.0730



102.3740, -7.0864, 32.9980



97.8420, -17.1771, 2.7696



87.0090, 12.8136, -49.9969

Rectangle

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



101.0650, 18.2090, -7.0730



103.3480, 5.7444, 24.2508



97.8420, -17.1771, 2.7696



92.9120, -3.4076, -27.1098

Sweetspot

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



101.0650, 18.2090, -7.0730



164.2260, 7.2836, -2.8292



123.9750, 4.4493, -27.1651



80.7270, 4.0786, -1.5146



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



101.0650, 18.2090, -7.0730



121.6760, 28.2607, -11.1169



103.2130, 17.1500, 5.9522



63.3850, 2.7682, -1.2146



23.9670, 53.7533, -21.0191



1.1570, 1.8946, -1.0147

Inverse Universe

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



107.0250, -4.4493, 27.1651



130.8420, -6.8241, 42.2346



127.7870, -17.1500, -5.9522



64.2070, -0.5951, 4.2035



41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 101.0650, 18.2090, -7.0730 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 101.0650, 18.2090, -7.0730 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 101.0650, 18.2090, -7.0730

Background



This preview shows how black text looks on a background with the YUV color 101.0650, 18.2090, -7.0730.



This preview shows how white text looks on a background with the YUV color 101.0650, 18.2090,

-7.0730.

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

101.0650, 18.2090, -7.0730

Protanopia

100.5700, 18.9460, -10.1469

Deuteranopia

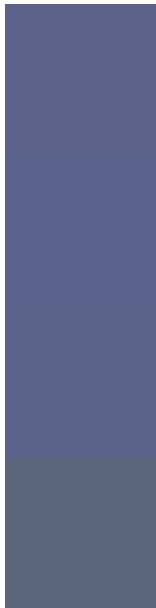
100.4560, 18.5092, -10.0469



Tritanopia

99.1280, 5.8529, -10.6363

Trichromacy



Original Color

101.0650, 18.2090, -7.0730

Protanomaly

100.8690, 18.7986, -9.5321

Deuteranomaly

100.7550, 18.3618, -9.4321

Tritanomaly

99.6920, 10.5048, -9.3769

Monochromacy



Original Color

101.0650, 18.2090, -7.0730

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0650, 18.2090, -7.0730 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(93, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(93, 98, 138)  
}
```

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(93, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 98, 138) }
```

Border

The CSS property to change the border of an element to YUV 101.0650, 18.2090, -7.0730 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(93, 98, 138) }
```


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

```
.border{ border-color:rgb(93, 98, 138) }
```

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

Here you see how a box with a 4 pixel rgb(93, 98, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(93, 98,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 101.0650, 18.2090, -7.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 98, 138) }
```

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

```
.background{ background-color: rgb(93, 98,  
138) }
```

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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