

Converting Colors

YUV(101.2920, 0.3490,
-18.6731)

Have a look what the booklet for
YUV(101.2920, 0.3490, -18.6731)
contains.

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Color

**YUV(101.2920, 0.3490,
-18.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	507066
RGB	80, 112, 102
RGB Percent	31%, 44%, 40%
CMY	0.6863, 0.5608, 0.6000
CMYK	0.29, 0.00, 0.09, 0.56
HSL	161°, 17%, 38%
HSV	161°, 29%, 44%
XYZ	11.5007, 14.2531, 14.7153
YIQ	101.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

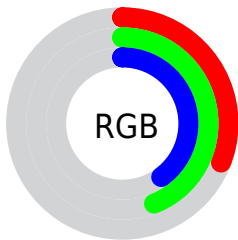
Format	Color
RYB	80, 99, 112
Decimal	5271654
CIELab	44.59, -13.88, 1.84
CIELCh	45, 13.996, 172.463
Yxy	14.2531, 0.2842, 0.3522
Android (android.graphics.Color)	4283461734 (0xFF507066)
YUV	101.2920, 0.3490, -18.6731
Hunter-Lab	37.7533, -11.6922, 3.3175

Details

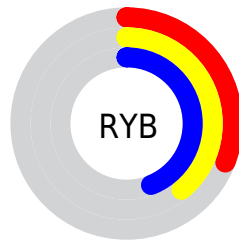
The YUV color **101.2920, 0.3490, -18.6731** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.7080, -0.3490, 18.6731**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5800, 0.2071, -19.8027**, and **54.0040, 0.4910, -17.5435** is the 20% darker color. If you saturate the color by 10%, you get **97.5470, 0.2233, -25.0357**, and if you desaturate by 10%, it is **105.0370, 0.4748, -12.3104**.

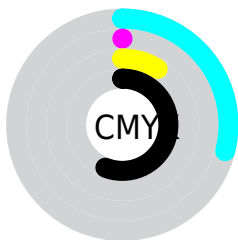
Distribution



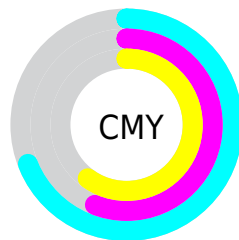
- Red (31%)
- Green (44%)
- Blue (40%)



- Red (31%)
- Yellow (39%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (69%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2920, 0.3490, -18.6731 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 101.2920, 0.3490, -18.6731 by changing the saturation by 10% instead.

101.2920, 0.3490,
-18.6731

101.2920, 0.3490,
-18.6731

255.0000, 0.0000,
0.0000

76.7050, 0.6384,
-18.1583

152.5800, 0.2071,
-19.8027

54.0040, 0.4910,
-17.5435

179.2810, 0.3545,
-20.4174

31.8190, 1.0752,
-18.2583

207.1670, -0.0823,
-20.3175

14.8690, -1.4144,
-13.0401

234.8680, 0.0651,
-20.9322

0.0000, 0.0000,
0.0000

250.5150, 2.2111,
-9.2217

■ 101.2920, 0.3490,
-18.6731

■ 101.2920, 0.3490,
-18.6731

■ 97.5470, 0.2233,
-25.0357

■ 105.0370, 0.4748,
-12.3104

■ 93.9160, 0.5344,
-31.4983

■ 108.6680, 0.1637,
-5.8478

■ 89.9860, 0.9929,
-38.5757

■ 112.7120, 0.1420,
1.1296

■ 86.2410, 0.8672,
-44.9384

■ 116.3430, -0.1691,
7.5922

■ 82.6100, 1.1783,
-51.4010

■ 120.0880, -0.0434,
13.9548

■ 78.8650, 1.0526,
-57.7636

■ 123.7190, -0.3545,
20.4174

■ 75.2340, 1.3636,
-64.2262

■ 127.4640, -0.2288,
26.7801

■ 74.5220, 1.2217,

■ 131.3940, -0.6872,

-65.3558

33.8575

■ 135.1390, -0.5615,
40.2201

Harmonies

Analogous

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



102.4520, -5.6458, -9.1664



101.2920, 0.3490, -18.6731



100.8660, 6.4751, -23.5615

Triad

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



101.2920, 0.3490, -18.6731



106.0350, 10.3357, -1.7847



106.2920, -9.5110, 17.2839

Complementary

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



101.2920, 0.3490, -18.6731



90.7080, -0.3490, 18.6731

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.



107.4540, -5.1538, 19.7728



101.2920, 0.3490, -18.6731



107.6620, 6.0826, 9.0664

Square

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



101.2920, 0.3490, -18.6731



103.7130, 11.9735, -13.7803



107.9250, 0.5300, 16.7288



105.4930, -11.0890, 10.0916

Rectangle

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



101.2920, 0.3490, -18.6731



101.3760, 9.6746, -23.1318



107.9250, 0.5300, 16.7288



106.6450, -8.2060, 18.7283

Sweetspot

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



101.2920, 0.3490, -18.6731



140.6570, 0.1691, -7.5922



101.7740, -10.7346, -10.3258



71.2660, -0.1311, -4.6183



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



101.2920, 0.3490, -18.6731



128.6390, 0.6710, -28.6244



98.9100, 6.4534, -16.5841



53.9780, 0.0108, -3.4887



79.7880, 1.0905, -69.9741



164.3690, 2.7761, -144.1516

Inverse Universe

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



90.7080, -0.3490, 18.6731



112.3610, -0.6710, 28.6244



93.0900, -6.4534, 16.5841



52.0220, -0.0108, 3.4887



40.0980, -1.5273, 70.0741



82.6310, -2.7761, 144.1516

Previews

White Background



This preview shows how the YUV color 101.2920, 0.3490, -18.6731 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 101.2920, 0.3490, -18.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

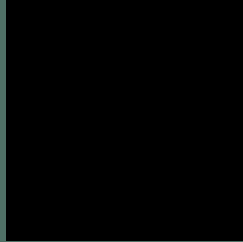
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2920, 0.3490, -18.6731

Background



This preview shows how black text looks on a background with the YUV color 101.2920, 0.3490, -18.6731.



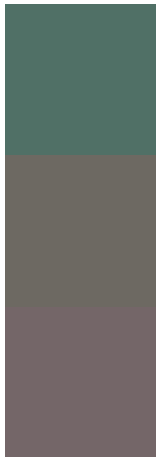
This preview shows how white text looks on a background with the YUV color 101.2920, 0.3490,

-18.6731.

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

101.2920, 0.3490, -18.6731

Protanopia

105.3980, -3.6472, 3.1590

Deuteranopia

106.4140, -1.1901, 8.4069



Tritanopia

102.8390, 7.4744, -17.3988

Trichromacy



Original Color

101.2920, 0.3490, -18.6731

Protanomaly

103.9840, -2.4571, -5.2480

Deuteranomaly

104.7610, -0.8682, -1.5444

Tritanomaly

102.4430, 4.7116, -17.9285

Monochromacy



Original Color

101.2920, 0.3490, -18.6731

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2920, 0.3490, -18.6731 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(80, 112, 102)` looks like.

```
.text, #text, p{  
    color:rgb(80, 112, 102)  
}
```

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(80, 112, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 112, 102) }
```

Border

The CSS property to change the border of an element to YUV 101.2920, 0.3490, -18.6731 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(80, 112, 102) }
```


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

```
.border{ border-color:rgb(80, 112, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 112, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 112, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 112, 102);  
box-shadow:4px 4px 4px 4px rgb(80, 112,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 101.2920, 0.3490, -18.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 112, 102) }
```

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

```
.background{ background-color: rgb(80, 112,  
102) }
```

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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