

# Converting Colors

YUV(106.5200, 1.2226,  
-18.8730)

Have a look what the booklet for  
YUV(106.5200, 1.2226, -18.8730)  
contains.

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# Color

**YUV(106.5200, 1.2226,  
-18.8730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55756D
RGB	85, 117, 109
RGB Percent	33%, 46%, 43%
CMY	0.6667, 0.5412, 0.5725
CMYK	0.27, 0.00, 0.07, 0.54
HSL	165°, 16%, 40%
HSV	165°, 27%, 46%
XYZ	12.8679, 15.7580, 16.8314
YIQ	106.5200, -16.5040, -9.2720

# Conversions

## Conversions Part 2

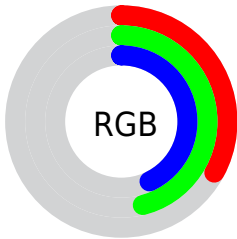
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 103, 117
Decimal	5600621
CIE Lab	46.66, -13.33, 0.69
CIE LCh	47, 13.344, 177.039
Yxy	15.7580, 0.2831, 0.3467
Android (android.graphics.Color)	4283790701 (0xFF55756D)
YUV	106.5200, 1.2226, -18.8730
Hunter-Lab	39.6963, -11.6063, 2.6483

# Details

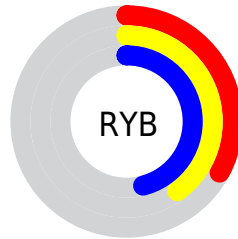
The YUV color **106.5200, 1.2226, -18.8730** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.4800, -1.2226, 18.8730**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8080, 1.0807, -20.0026**, and **58.9330, 1.5120, -18.3582** is the 20% darker color. If you saturate the color by 10%, you get **102.5900, 1.6811, -25.9504**, and if you desaturate by 10%, it is **110.4500, 0.7641, -11.7957**.

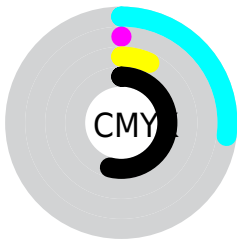
# Distribution



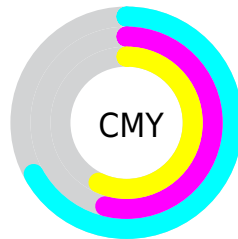
- Red (33%)
- Green (46%)
- Blue (43%)



- Red (33%)
- Yellow (40%)
- Blue (46%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.5200, 1.2226, -18.8730 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 106.5200, 1.2226, -18.8730 by changing the saturation by 10% instead.



■ 106.5200, 1.2226,  
-18.8730

■ 106.5200, 1.2226,  
-18.8730

■ 255.0000, 0.0000,  
0.0000

■ 81.9330, 1.5120,  
-18.3582

■ 157.8080, 1.0807,  
-20.0026

■ 58.9330, 1.5120,  
-18.3582

■ 184.8080, 1.0807,  
-20.0026

■ 36.3460, 1.8014,  
-17.8434

■ 212.5090, 1.2281,  
-20.6174

■ 17.4280, 0.7750,  
-15.2844

■ 241.2100, 1.3755,  
-21.2322

■ 0.0000, 0.0000,  
0.0000

■ 252.3090, 1.3267,  
-5.5330

■ 106.5200, 1.2226,  
-18.8730

■ 106.5200, 1.2226,  
-18.8730

■ 102.5900, 1.6811,  
-25.9504

■ 110.4500, 0.7641,  
-11.7957

■ 98.9590, 1.9922,  
-32.4130

■ 114.0810, 0.4531,  
-5.3330

■ 95.0290, 2.4507,  
-39.4904

■ 118.0110, -0.0054,  
1.7444

■ 91.0990, 2.9092,  
-46.5678

■ 121.9410, -0.4639,  
8.8217

■ 87.1690, 3.3677,  
-53.6452

■ 125.8710, -0.9224,  
15.8991

■ 83.5380, 3.6788,  
-60.1078

■ 129.5020, -1.2335,  
22.3617

■ 79.7220, 4.5741,  
-67.2852

■ 133.3180, -2.1288,  
29.5391

■ 78.7110, 4.5795,

■ 137.2480, -2.5873,

-69.0295

36.6165

■ 140.8790, -2.8983,  
43.0791

# Harmonies

## Analogous

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



107.9680, -4.9142, -10.4959



106.5200, 1.2226, -18.8730



106.2790, 6.7645, -23.0467

# Triad

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



106.5200, 1.2226, -18.8730



111.4050, 9.1673, -0.3552



111.5800, -9.6529, 16.1543

# Complementary

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



106.5200, 1.2226, -18.8730



95.4800, -1.2226, 18.8730

# 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.



112.0410, -5.4432, 19.2580



106.5200, 1.2226, -18.8730



112.7330, 5.0616, 9.8812

# Square

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



106.5200, 1.2226, -18.8730



109.6100, 11.5313, -11.9360



112.6970, -0.3436, 16.9287



109.8950, -10.7942, 8.8621



# Rectangle

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



106.5200, 1.2226, -18.8730



107.0880, 9.8166, -22.0022



112.6970, -0.3436, 16.9287



111.9330, -8.3480, 17.5988

# Sweetspot

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



106.5200, 1.2226, -18.8730



149.0700, 0.4585, -7.0774



106.1760, -10.4398, -11.5554



74.3800, 0.3057, -4.7183



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



106.5200, 1.2226, -18.8730



136.5680, 1.6920, -29.4391



102.7360, 7.0322, -15.5545



56.9780, 0.0108, -3.4887



82.1020, 4.8797, -72.0035



168.0680, 9.3335, -147.3956



# Inverse Universe

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



95.4800, -1.2226, 18.8730



119.3180, -2.1288, 29.5391



99.2640, -7.0322, 15.5545



54.9080, -0.4476, 3.5887



40.0120, -4.4429, 71.9035



81.8180, -9.7703, 147.4956



# Previews

## White Background



This preview shows how the YUV color 106.5200, 1.2226, -18.8730 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 106.5200, 1.2226, -18.8730 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 106.5200, 1.2226, -18.8730

## Background



This preview shows how black text looks on a background with the YUV color 106.5200, 1.2226, -18.8730.



This preview shows how white text looks on a background with the YUV color 106.5200, 1.2226, -18.8730.

-18.8730.

# 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

106.5200, 1.2226, -18.8730

### Protanopia

110.3270, -2.6262, 2.3442

### Deuteranopia

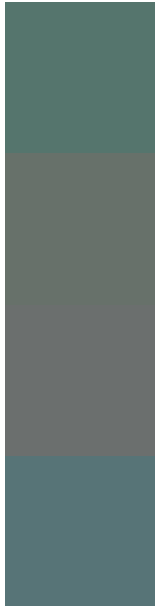
111.3430, -0.1691, 7.5922



## Tritanopia

107.9530, 7.9112, -17.4988

# Trichromacy



## Original Color

106.5200, 1.2226, -18.8730

## Protanomaly

109.2120, -1.5835, -5.4479

## Deuteranomaly

109.6900, 0.1528, -2.3591

## Tritanomaly

107.6710, 5.5852, -18.1285

# Monochromacy



## Original Color

106.5200, 1.2226, -18.8730

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.0700, 0.4585, -7.0774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.5200, 1.2226, -18.8730 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(85, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(85, 117, 109)  
}
```

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(85, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 117, 109) }
```

## Border

The CSS property to change the border of an element to YUV 106.5200, 1.2226, -18.8730 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(85, 117, 109) }
```



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

```
.border{ border-color:rgb(85, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(85, 117,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 106.5200, 1.2226, -18.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 117, 109) }
```

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

```
.background{ background-color: rgb(85, 117,  
109) }
```

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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