

# Converting Colors

YUV(100.2490, -1.1088,  
-17.7584)

Have a look what the booklet for  
YUV(100.2490, -1.1088, -17.7584)  
contains.

<b>YUV(100.2490, -1.1088, -17.7584)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(100.2490, -1.1088,  
-17.7584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	506F62
RGB	80, 111, 98
RGB Percent	31%, 44%, 38%
CMY	0.6863, 0.5647, 0.6157
CMYK	0.28, 0.00, 0.12, 0.56
HSL	155°, 16%, 37%
HSV	155°, 28%, 44%
XYZ	11.1973, 13.9562, 13.6589
YIQ	100.2490, -14.3030, -10.6150

# Conversions

## Conversions Part 2

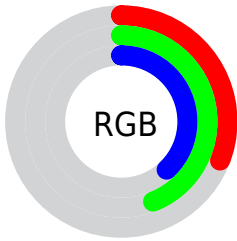
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 100, 111
Decimal	5271394
CIE <sub>Lab</sub>	44.17, -14.24, 3.62
CIE <sub>LCh</sub>	44, 14.697, 165.730
Yxy	13.9562, 0.2885, 0.3596
Android (android.graphics.Color)	4283461474 (0xFF506F62)
YUV	100.2490, -1.1088, -17.7584
Hunter-Lab	37.3580, -11.8747, 4.4728

# Details

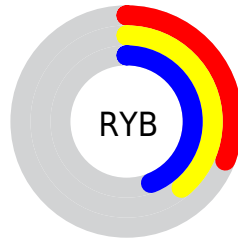
The YUV color **100.2490, -1.1088, -17.7584** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.7510, 1.1088, 17.7584**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5370, -1.2507, -18.8879**, and **53.0750, -0.5300, -16.7288** is the 20% darker color. If you saturate the color by 10%, you get **96.3900, -1.6713, -24.0210**, and if you desaturate by 10%, it is **104.1080, -0.5462, -11.4957**.

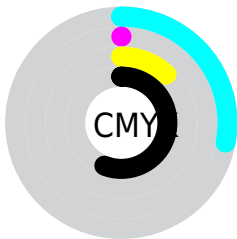
# Distribution



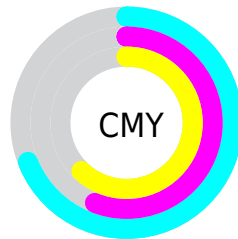
- Red (31%)
- Green (44%)
- Blue (38%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (69%)
- Magenta (56%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.2490, -1.1088, -17.7584 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 100.2490, -1.1088, -17.7584 by changing the saturation by 10% instead.



100.2490, -1.1088,  
-17.7584

100.2490, -1.1088,  
-17.7584

255.0000, 0.0000,  
0.0000

76.2490, -1.1088,  
-17.7584

151.5370, -1.2507,  
-18.8879

53.0750, -0.5300,  
-16.7288

178.1240, -1.5401,  
-19.4027

31.1890, -0.0932,  
-16.8288

205.8250, -1.3927,  
-20.0175

13.5980, -3.7458,  
-11.9254

233.8250, -1.3927,  
-20.0175

0.0000, 0.0000,  
0.0000

250.5150, 2.2111,  
-9.2217

■ 100.2490, -1.1088,  
-17.7584

■ 100.2490, -1.1088,  
-17.7584

■ 96.3900, -1.6713,  
-24.0210

■ 104.1080, -0.5462,  
-11.4957

■ 92.6450, -1.7970,  
-30.3837

■ 107.8530, -0.4205,  
-5.1331

■ 88.7860, -2.3595,  
-36.6463

■ 111.7120, 0.1420,  
1.1296

■ 84.9270, -2.9220,  
-42.9090

■ 115.5710, 0.7045,  
7.3922

■ 81.1820, -3.0477,  
-49.2716

■ 119.6150, 0.6828,  
14.3696

■ 77.0240, -3.4628,  
-56.1490

■ 123.4740, 1.2453,  
20.6323

■ 73.1650, -4.0253,  
-62.4117

■ 127.3330, 1.8078,  
26.8950

■ 72.4530, -4.1673,

■ 131.0780, 1.9335,

-63.5413

33.2576

■ 134.9370, 2.4961,  
39.5203

# Harmonies

## Analogous

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



101.7080, -7.2510, -7.6369



100.2490, -1.1088, -17.7584



99.3390, 5.7489, -23.9763

# Triad

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



100.2490, -1.1088, -17.7584



104.6540, 11.5096, -4.9586



105.4170, -9.0796, 18.9283

# Complementary

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



100.2490, -1.1088, -17.7584



90.7510, 1.1088, 17.7584

# 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.



106.3940, -4.1382, 20.7025



100.2490, -1.1088, -17.7584



106.1070, 7.8352, 6.9222

# Square

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



100.2490, -1.1088, -17.7584



102.2180, 12.7105, -16.8542



106.3810, 2.2772, 16.3289



104.6890, -11.6787, 12.5507



# Rectangle

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



100.2490, -1.1088, -17.7584



99.8380, 8.9539, -25.2909



106.3810, 2.2772, 16.3289



105.8840, -7.3378, 20.2727

# Sweetspot

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



100.2490, -1.1088, -17.7584



141.1410, -0.5625, -6.2627



102.0840, -10.8874, -7.9667



71.5650, -0.2785, -4.0035



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.



100.2490, -1.1088, -17.7584



128.0690, -1.5130, -28.1245



100.5570, 5.1484, -18.0285



53.9780, 0.0108, -3.4887



78.4200, -4.1511, -68.7743



161.4050, -8.5807, -141.5522



# Inverse Universe

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



90.7510, 1.1088, 17.7584



113.0450, 1.9498, 28.0245



90.4430, -5.1484, 18.0285



52.1360, 0.4260, 3.3887



41.5800, 4.1511, 68.7743



85.7090, 9.0175, 141.4522



# Previews

## White Background



This preview shows how the YUV color 100.2490, -1.1088, -17.7584 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 100.2490, -1.1088, -17.7584 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

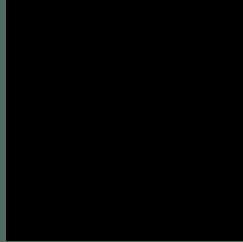
Any Text WCAG AA × Fail

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 100.2490, -1.1088, -17.7584 Background



This preview shows how black text looks on a background with the YUV color 100.2490, -1.1088, -17.7584.



This preview shows how white text looks on a background with the YUV color 100.2490, -1.1088, -17.7584.

-17.7584.

# 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

100.2490, -1.1088, -17.7584

### Protanopia

104.0560, -4.9576, 3.4589

### Deuteranopia

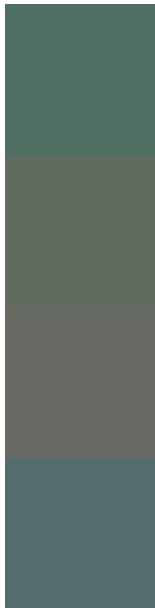
105.3710, -2.6479, 9.3216



## Tritanopia

101.8500, 7.4690, -15.6544

# Trichromacy



## Original Color

100.2490, -1.1088, -17.7584

## Protanomaly

102.9410, -3.9149, -4.3333

## Deuteranomaly

103.7180, -2.3260, -0.6297

## Tritanomaly

101.3400, 4.2694, -16.0842

# Monochromacy



## Original Color

100.2490, -1.1088, -17.7584

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

100.1410, -0.5625, -6.2627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.2490, -1.1088, -17.7584 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, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(80, 111, 98)  
}
```

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, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 111, 98) }
```

## Border

The CSS property to change the border of an element to YUV 100.2490, -1.1088, -17.7584 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, 111, 98) }
```



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

```
.border{ border-color:rgb(80, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(80, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(80, 111,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 100.2490, -1.1088, -17.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 111, 98) }
```

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

```
.background{ background-color: rgb(80, 111,  
98) }
```

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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