

# Converting Colors

YUV(111.1020, -1.5293,  
-22.8915)

Have a look what the booklet for  
YUV(111.1020, -1.5293, -22.8915)  
contains.

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# Color

**YUV(111.1020, -1.5293,  
-22.8915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	557D6C
RGB	85, 125, 108
RGB Percent	33%, 49%, 42%
CMY	0.6667, 0.5098, 0.5765
CMYK	0.32, 0.00, 0.14, 0.51
HSL	154°, 19%, 41%
HSV	154°, 32%, 49%
XYZ	13.7867, 17.6812, 16.8735
YIQ	111.1020, -18.3830, -13.7670

# Conversions

## Conversions Part 2

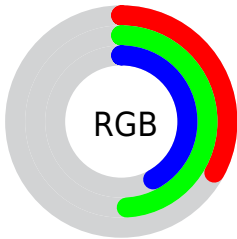
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 110, 125
Decimal	5602668
CIE <sub>Lab</sub>	49.11, -17.92, 4.83
CIE <sub>LCh</sub>	49, 18.563, 164.927
Yxy	17.6812, 0.2852, 0.3658
Android (android.graphics.Color)	4283792748 (0xFF557D6C)
YUV	111.1020, -1.5293, -22.8915
Hunter-Lab	42.0491, -15.0607, 5.6423

# Details

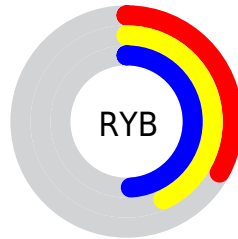
The YUV color **111.1020, -1.5293, -22.8915** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **98.8980, 1.5293, 22.8915**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2760, -2.1081, -23.9211**, and **62.6290, -0.8031, -22.4766** is the 20% darker color. If you saturate the color by 10%, you get **106.9440, -1.9444, -29.7689**, and if you desaturate by 10%, it is **115.5590, -1.2616, -15.3992**.

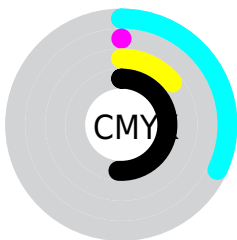
# Distribution



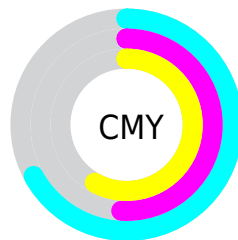
- Red (33%)
- Green (49%)
- Blue (42%)



- Red (33%)
- Yellow (43%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.1020, -1.5293, -22.8915 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 111.1020, -1.5293, -22.8915 by changing the saturation by 10% instead.



■ 111.1020, -1.5293,  
-22.8915

■ 111.1020, -1.5293,  
-22.8915

■ 255.0000, 0.0000,  
0.0000

■ 86.5150, -1.2399,  
-22.3767

■ 163.2760, -2.1081,  
-23.9211

■ 62.6290, -0.8031,  
-22.4766

■ 189.9770, -1.9607,  
-24.5358

■ 39.4440, -0.2189,  
-23.1914

■ 218.5640, -2.2501,  
-25.0506

■ 20.8360, -1.3981,  
-18.2732

■ 242.4550, -0.2243,  
-21.4470

■ 0.0000, 0.0000,  
0.0000

■ 252.6080, 1.1793,  
-4.9182

■ 111.1020, -1.5293,  
-22.8915

■ 111.1020, -1.5293,  
-22.8915

■ 106.9440, -1.9444,  
-29.7689

■ 115.5590, -1.2616,  
-15.3992

■ 102.3730, -2.6489,  
-37.1611

■ 119.8310, -0.4097,  
-8.6218

■ 98.2150, -3.0640,  
-44.0386

■ 123.9890, 0.0054,  
-1.7444

■ 93.7580, -3.3317,  
-51.5308

■ 128.4460, 0.2731,  
5.7479

■ 89.4860, -4.1836,  
-58.3082

■ 132.7180, 1.1250,  
12.5253

■ 85.0290, -4.4513,  
-65.8004

■ 137.1750, 1.3927,  
20.0175

■ 81.5830, -4.7244,  
-71.5483

■ 141.3330, 1.8078,  
26.8950

■ 145.9040, 2.5123,

34.2872

■ 150.3610, 2.7800,  
41.7794

# Harmonies

## Analogous

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



112.8280, -9.2822, -9.4962



111.1020, -1.5293, -22.8915



109.9250, 6.9390, -32.3832

# Triad

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



111.1020, -1.5293, -22.8915



116.5550, 15.0094, -7.5027



117.8800, -11.2798, 24.6612

# Complementary

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



111.1020, -1.5293, -22.8915



98.8980, 1.5293, 22.8915

# 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.



118.6120, -4.7387, 26.6503



111.1020, -1.5293, -22.8915



118.9870, 9.8664, 8.7814

# Square

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



111.1020, -1.5293, -22.8915



113.7980, 16.3686, -23.5018



119.2290, 2.8451, 20.8472



116.9130, -14.7471, 16.7393



# Rectangle

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



111.1020, -1.5293, -22.8915



109.8800, 11.8912, -34.0978



119.2290, 2.8451, 20.8472



118.3470, -9.5381, 26.0057

# Sweetspot

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



111.1020, -1.5293, -22.8915



157.4180, -0.6991, -9.1366



113.5630, -14.0816, -10.1408



78.4400, -0.7099, -5.6479



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



111.1020, -1.5293, -22.8915



141.4980, -2.2175, -35.5167



111.2790, 6.7645, -23.0467



61.5650, -0.2785, -4.0035



83.4580, -5.1558, -73.1927



0.0000, 0.0000, 0.0000



# Inverse Universe

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



98.8980, 1.5293, 22.8915



122.6160, 2.6543, 35.4168



98.7210, -6.7645, 23.0467



59.4350, 0.2785, 4.0035



44.4280, 4.7190, 73.2926



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 111.1020, -1.5293, -22.8915 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 111.1020, -1.5293, -22.8915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

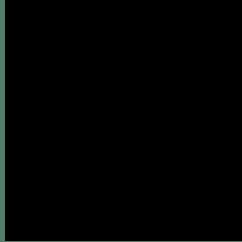
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 111.1020, -1.5293, -22.8915

## Background



This preview shows how black text looks on a background with the YUV color 111.1020, -1.5293, -22.8915.



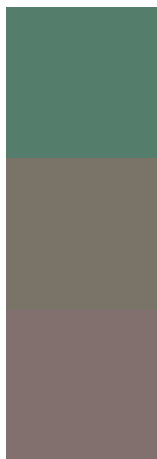
This preview shows how white text looks on a background with the YUV color 111.1020, -1.5293, -22.8915.

-22.8915.

# 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

111.1020, -1.5293, -22.8915

### Protanopia

116.0130, -6.4154, 4.3736

### Deuteranopia

117.2680, -3.0901, 11.1660



## Tritanopia

113.4580, 8.6482, -20.5727

# Trichromacy



## Original Color

111.1020, -1.5293, -22.8915

## Protanomaly

114.1150, -4.4937, -5.3629

## Deuteranomaly

115.3050, -2.6154, -1.1445

## Tritanomaly

112.5350, 5.1592, -21.5172

# Monochromacy



## Original Color

111.1020, -1.5293, -22.8915

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.1300, -0.5571, -8.0070

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.1020, -1.5293, -22.8915 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, 125, 108)` looks like.

```
.text, #text, p{  
    color:rgb(85, 125, 108)  
}
```

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, 125, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 125, 108) }
```

## Border

The CSS property to change the border of an element to YUV 111.1020, -1.5293, -22.8915 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".

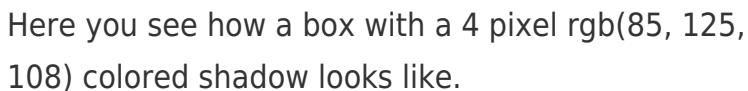
```
.border, #border, table{ border:4px solid rgb(85, 125, 108) }
```



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

```
.border{ border-color:rgb(85, 125, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 125, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 125, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 125, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 125,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 111.1020, -1.5293, -22.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 125, 108) }
```

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

```
.background{ background-color: rgb(85, 125,  
108) }
```

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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