

# Converting Colors

YUV(100.6690, 11.9952,  
-20.7577)

Have a look what the booklet for  
YUV(100.6690, 11.9952, -20.7577)  
contains.

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# Color

**YUV(100.6690, 11.9952,  
-20.7577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6C7D
RGB	77, 108, 125
RGB Percent	30%, 42%, 49%
CMY	0.6980, 0.5765, 0.5098
CMYK	0.38, 0.14, 0.00, 0.51
HSL	201°, 24%, 40%
HSV	201°, 38%, 49%
XYZ	12.1248, 13.7836, 21.4235
YIQ	100.6690, -23.9330, -1.2850

# Conversions

## Conversions Part 2

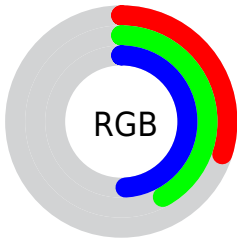
Format	Color
<b>RYB</b>	77, 96, 125
Decimal	5074045
CIELab	43.92, -6.58, -13.01
CIELCh	44, 14.582, 243.175
Yxy	13.7836, 0.2562, 0.2912
Android (android.graphics.Color)	4283264125 (0xFF4D6C7D)
YUV	100.6690, 11.9952, -20.7577
Hunter-Lab	37.1262, -6.6758, -8.2246

# Details

The YUV color **100.6690, 11.9952, -20.7577** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **101.3310, -11.9952, 20.7577**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8970, 12.8688, -20.9577**, and **52.8430, 11.4164, -21.7873** is the 20% darker color. If you saturate the color by 10%, you get **94.7330, 14.9216, -26.0758**, and if you desaturate by 10%, it is **106.9040, 8.9213, -14.8248**.

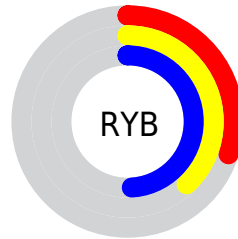
# Distribution



Red (30%)

Green (42%)

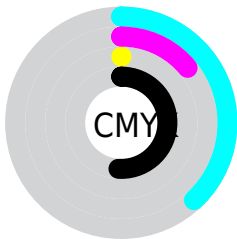
Blue (49%)



Red (30%)

Yellow (38%)

Blue (49%)

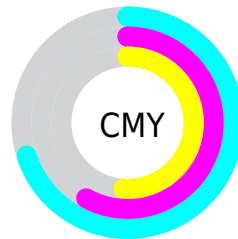


Cyan (38%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (58%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.6690, 11.9952, -20.7577 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 100.6690, 11.9952, -20.7577 by changing the saturation by 10% instead.



■ 100.6690, 11.9952,  
-20.7577

■ 100.6690, 11.9952,  
-20.7577

■ 255.0000, 0.0000,  
0.0000

■ 76.5550, 11.5584,  
-20.6577

■ 151.8970, 12.8688,  
-20.9577

■ 52.8430, 11.4164,  
-21.7873

■ 178.5980, 13.0162,  
-21.5724

■ 29.5330, 11.5692,  
-24.1464

■ 206.5980, 13.0162,  
-21.5724

■ 14.8010, 8.4791,  
-12.9805

■ 233.9140, 10.3954,  
-20.9726

■ 0.6840, 2.6208,  
-0.5999

■ 249.9170, 2.5059,  
-10.4512

■ 0.0000, 0.0000,  
0.0000

■ 100.6690, 11.9952,  
-20.7577

■ 100.6690, 11.9952,  
-20.7577

■ 94.7330, 14.9216,  
-26.0758

■ 106.9040, 8.9213,  
-14.8248

■ 87.9110, 18.2849,  
-31.4939

■ 113.4270, 5.7055,  
-10.0215

■ 81.6760, 21.3587,  
-37.4269

■ 119.6620, 2.6316,  
-4.0886

■ 75.1530, 24.5746,  
-42.2302

■ 126.1850, -0.5842,  
0.7148

■ 68.9180, 27.6484,  
-48.1631

■ 132.4200, -3.6581,  
6.6477

■ 62.3950, 30.8643,  
-52.9664


■ 138.9430, -6.8739,  
11.4510

■ 61.7970, 31.1591,  
-54.1960

■ 145.1780, -9.9478,  
17.3839

■ 151.1140,

-12.8742, 22.7020

 157.9360,  
-16.2374, 28.1201

# Harmonies

## Analogous

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



98.8380, 8.9539, -25.2909



100.6690, 11.9952, -20.7577



102.8490, 12.3994, -10.3916

# Triad

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



100.6690, 11.9952, -20.7577



105.7790, -1.3700, 19.4878



101.5730, -9.1565, -3.1335

# Complementary

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



100.6690, 11.9952, -20.7577



101.3310, -11.9952, 20.7577

# 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.



103.0690, -11.3730, 7.8325



100.6690, 11.9952, -20.7577



104.9980, -6.9010, 20.1728

# Square

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



100.6690, 11.9952, -20.7577



106.2280, 4.3246, 12.9550



104.0530, -10.3791, 15.7395



100.5870, -3.7404, -13.6698



# Rectangle

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



100.6690, 11.9952, -20.7577



104.7360, 10.4832, -2.3995



104.0530, -10.3791, 15.7395



102.2530, -10.4777, 0.6551

# Sweetspot

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



100.6690, 11.9952, -20.7577



153.2100, 4.8265, -8.0772



107.1140, -6.4652, -26.4100



76.0640, 2.9264, -5.3181



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.



100.6690, 11.9952, -20.7577



125.3130, 18.5797, -32.7235



86.5810, 18.9406, -8.4025



60.1460, 1.9000, -2.7590



62.7260, 32.1801, -55.0107



0.0000, 0.0000, 0.0000



# Inverse Universe

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



94.8860, 6.4652, 26.4100



116.0110, 10.3476, 41.2094



115.4190, -18.9406, 8.4025



59.5490, 0.7153, 3.9035



47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 100.6690, 11.9952, -20.7577 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 100.6690, 11.9952, -20.7577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

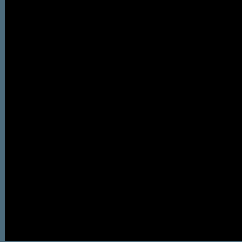
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.6690, 11.9952, -20.7577

## Background



This preview shows how black text looks on a background with the YUV color 100.6690, 11.9952, -20.7577.



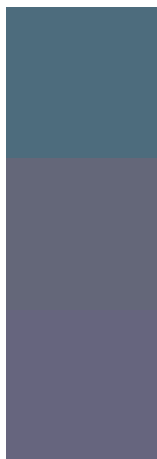
This preview shows how white text looks on a background with the YUV color 100.6690, 11.9952, -20.7577.

-20.7577.

# 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

100.6690, 11.9952, -20.7577

### Protanopia

104.1550, 8.3046, -3.6439

### Deuteranopia

104.1490, 10.7725, -1.8847



## Tritanopia

99.8600, 8.9430, -21.8022

# Trichromacy



## Original Color

100.6690, 11.9952, -20.7577

## Protanomaly

103.0510, 9.3419, -9.6917

## Deuteranomaly

103.2190, 11.2310, -8.9621

## Tritanomaly

100.5010, 10.1060, -21.4874

# Monochromacy



## Original Color

100.6690, 11.9952, -20.7577

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.0960, 4.3897, -7.9772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.6690, 11.9952, -20.7577 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(77, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 125)  
}
```

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(77, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 125) }
```

## Border

The CSS property to change the border of an element to YUV 100.6690, 11.9952, -20.7577 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(77, 108, 125) }
```



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

```
.border{ border-color:rgb(77, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 100.6690, 11.9952, -20.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 125) }
```

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

```
.background{ background-color: rgb(77, 108,  
125) }
```

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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