

# Converting Colors

YUV(104.7700, -1.3656,  
-28.7393)

Have a look what the booklet for  
YUV(104.7700, -1.3656, -28.7393)  
contains.

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# Color

**YUV(104.7700, -1.3656,  
-28.7393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	487A66
RGB	72, 122, 102
RGB Percent	28%, 48%, 40%
CMY	0.7176, 0.5216, 0.6000
CMYK	0.41, 0.00, 0.16, 0.52
HSL	156°, 26%, 38%
HSV	156°, 41%, 48%
XYZ	12.0303, 16.2561, 15.0740
YIQ	104.7700, -23.3800, -16.8200

# Conversions

## Conversions Part 2

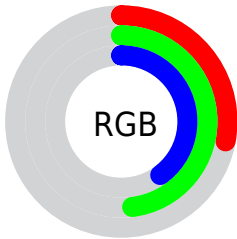
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	72, 103, 122
Decimal	4749926
CIE <sub>Lab</sub>	47.31, -21.84, 5.69
CIE <sub>LCh</sub>	47, 22.568, 165.397
Yxy	16.2561, 0.2774, 0.3749
Android (android.graphics.Color)	4282940006 (0xFF487A66)
<b>YUV</b>	104.7700, -1.3656, -28.7393
Hunter-Lab	40.3188, -17.2973, 6.0564

# Details

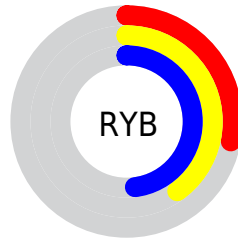
The YUV color **104.7700, -1.3656, -28.7393** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.2300, 1.3656, 28.7393**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9440, -1.9444, -29.7689**, and **55.6990, -0.3446, -29.5540** is the 20% darker color. If you saturate the color by 10%, you get **100.6120, -1.7807, -35.6167**, and if you desaturate by 10%, it is **108.9280, -0.9505, -21.8619**.

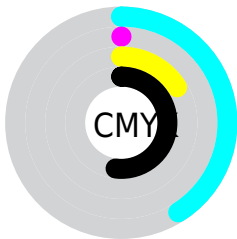
# Distribution



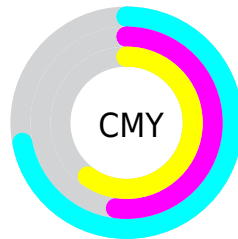
- Red (28%)
- Green (48%)
- Blue (40%)



- Red (28%)
- Yellow (40%)
- Blue (48%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (52%)



- Cyan (72%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.7700, -1.3656, -28.7393 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 104.7700, -1.3656, -28.7393 by changing the saturation by 10% instead.



■ 104.7700, -1.3656,  
-28.7393

■ 104.7700, -1.3656,  
-28.7393

■ 255.0000, 0.0000,  
0.0000

■ 79.8840, -0.9288,  
-28.8393

■ 156.9440, -1.9444,  
-29.7689

■ 55.6990, -0.3446,  
-29.5540

■ 183.6450, -1.7970,  
-30.3837

■ 33.2260, 0.3816,  
-29.1392

■ 211.5310, -2.2338,  
-30.2837

■ 18.9780, -3.4402,  
-16.6437

■ 237.4710, -1.2182,  
-29.3541

■ 0.0000, 0.0000,  
0.0000

■ 248.4220, 3.2430,  
-13.5251

■ 104.7700, -1.3656,  
-28.7393

■ 104.7700, -1.3656,  
-28.7393

■ 100.6120, -1.7807,  
-35.6167

■ 108.9280, -0.9505,  
-21.8619

■ 96.4540, -2.1958,  
-42.4942

■ 113.0860, -0.5354,  
-14.9844

■ 91.9970, -2.4635,  
-49.9864

■ 117.5430, -0.2677,  
-7.4922

■ 87.8390, -2.8786,  
-56.8638

■ 121.7010, 0.1474,  
-0.6148

■ 83.7950, -2.8569,  
-63.8412

■ 125.7450, 0.1257,  
6.3626

■ 79.9360, -3.4194,  
-70.1039

■ 129.9030, 0.5408,  
13.2401

■ 134.0610, 0.9559,  
20.1175

■ 138.5180, 1.2236,

27.6097

■ 142.6760, 1.6387,  
34.4871

# Harmonies

## Analogous

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



107.6490, -11.1660, -11.9702



104.7700, -1.3656, -28.7393



102.2550, 9.7343, -42.3196

# Triad

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



104.7700, -1.3656, -28.7393



112.6410, 17.9250, -9.3322



113.3320, -13.4747, 28.6498

# Complementary

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



104.7700, -1.3656, -28.7393



89.2300, 1.3656, 28.7393

# 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.



114.1180, -5.4812, 31.4685



104.7700, -1.3656, -28.7393



114.8670, 11.8976, 10.6406

# Square

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



104.7700, -1.3656, -28.7393



107.6770, 19.8792, -29.5347



115.0770, 3.4130, 25.3655



112.1260, -17.8101, 19.1835



# Rectangle

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



104.7700, -1.3656, -28.7393



101.8400, 15.8549, -45.4637



115.0770, 3.4130, 25.3655



113.6250, -11.1541, 31.0239

# Sweetspot

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



104.7700, -1.3656, -28.7393



151.5210, -0.2569, -10.9809



107.3300, -17.4177, -13.4444



75.2550, -0.1257, -6.3626



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



104.7700, -1.3656, -28.7393



131.4430, -2.1904, -44.2385



104.1150, 8.8173, -28.1649



58.9780, 0.0108, -3.4887



81.9250, -3.4140, -71.8482



165.1380, -6.9700, -144.8260



# Inverse Universe

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



89.2300, 1.3656, 28.7393



107.5570, 2.1904, 44.2385



89.8850, -8.8173, 28.1649



57.1360, 0.4260, 3.3887



43.0750, 3.4140, 71.8482



86.8620, 6.9700, 144.8260



# Previews

## White Background



This preview shows how the YUV color 104.7700, -1.3656, -28.7393 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 104.7700, -1.3656, -28.7393 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 104.7700, -1.3656, -28.7393

## Background



This preview shows how black text looks on a background with the YUV color 104.7700, -1.3656, -28.7393.



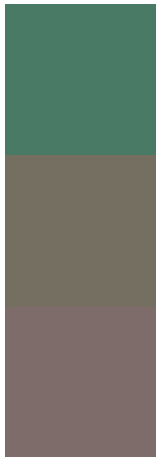
This preview shows how white text looks on a background with the YUV color 104.7700, -1.3656, -28.7393.



# 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

104.7700, -1.3656, -28.7393

### Protanopia

111.1980, -6.9996, 5.0884

### Deuteranopia

112.7410, -3.8163, 10.7511



## Tritanopia

107.1800, 10.2643, -25.5909

# Trichromacy



## Original Color

104.7700, -1.3656, -28.7393

## Protanomaly

108.9900, -4.9251, -7.0072

## Deuteranomaly

109.8810, -2.8993, -3.4036

## Tritanomaly

106.1430, 6.3385, -26.4354

# Monochromacy



## Original Color

104.7700, -1.3656, -28.7393

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8200, -0.4043, -10.3661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.7700, -1.3656, -28.7393 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(72, 122, 102)` looks like.

```
.text, #text, p{  
    color:rgb(72, 122, 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(72, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 122, 102) }
```

## Border

The CSS property to change the border of an element to YUV 104.7700, -1.3656, -28.7393 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(72, 122, 102) }
```



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

```
.border{ border-color:rgb(72, 122, 102) }
```

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

Here you see how a box with a 4 pixel rgb(72, 122, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(72, 122,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 104.7700, -1.3656, -28.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 122, 102) }
```

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

```
.background{ background-color: rgb(72, 122,  
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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