

# Converting Colors

YUV(108.1550, 28.5176,  
-0.1359)

Have a look what the booklet for  
YUV(108.1550, 28.5176, -0.1359)  
contains.

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# Color

**YUV(108.1550, 28.5176,  
-0.1359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C61A6
RGB	108, 97, 166
RGB Percent	42%, 38%, 65%
CMY	0.5765, 0.6196, 0.3490
CMYK	0.35, 0.42, 0.00, 0.35
HSL	250°, 28%, 52%
HSV	250°, 42%, 65%
XYZ	17.3420, 14.4907, 37.9594
YIQ	108.1550, -15.5930, 23.7910

# Conversions

## Conversions Part 2

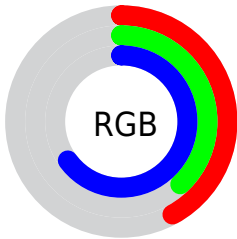
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 97, 166
Decimal	7102886
CIE Lab	44.93, 20.97, -35.71
CIE LCh	45, 41.412, 300.417
Yxy	14.4907, 0.2485, 0.2076
Android (android.graphics.Color)	4285292966 (0xFF6C61A6)
YUV	108.1550, 28.5176, -0.1359
Hunter-Lab	38.0667, 14.7023, -32.4762

# Details

The YUV color **108.1550, 28.5176, -0.1359** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.8450, -28.5176, 0.1359**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5080, 29.8226, 1.3085**, and **59.9760, 26.6338, -2.6100** is the 20% darker color. If you saturate the color by 10%, you get **93.9900, 35.5009, 0.0088**, and if you desaturate by 10%, it is **122.3200, 21.5342, -0.2806**.

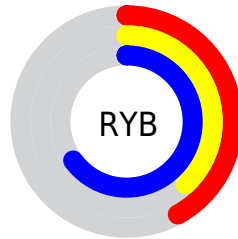
# Distribution



Red (42%)

Green (38%)

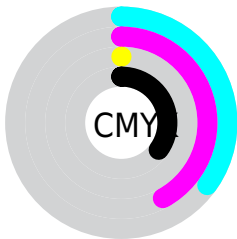
Blue (65%)



Red (42%)

Yellow (38%)

Blue (65%)

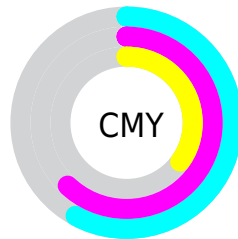


Cyan (35%)

Magenta (42%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.1550, 28.5176, -0.1359 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 108.1550, 28.5176, -0.1359 by changing the saturation by 10% instead.



■ 108.1550, 28.5176,  
-0.1359

■ 108.1550, 28.5176,  
-0.1359

■ 255.0000, 0.0000,  
0.0000

■ 83.2150, 27.5020,  
-1.0656

■ 160.5080, 29.8226,  
1.3085

■ 59.9760, 26.6338,  
-2.6100

■ 187.1490, 30.9855,  
1.6233

■ 36.4380, 25.9131,  
-4.7691

■ 212.8260, 20.7918,  
4.5376

■ 11.8180, 26.2187,  
-9.4874

■ 237.9330, 8.4140,  
7.9518

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 108.1550, 28.5176,  
-0.1359

■ 108.1550, 28.5176,  
-0.1359

■ 93.9900, 35.5009,  
0.0088

■ 122.3200, 21.5342,  
-0.2806

■ 80.4120, 42.1949,  
-0.3613

■ 135.8980, 14.8403,  
0.0895

■ 66.2470, 49.1782,  
-0.2166

■ 150.0630, 7.8569,  
-0.0553

■ 52.6690, 55.8722,  
-0.5867

■ 163.6410, 1.1630,  
0.3148

■ 38.5040, 62.8555,  
-0.4420

■ 177.8060, -5.8204,  
0.1701

■ 26.6980, 68.6759,  
-0.6121

■ 191.9710,  
-12.8037, 0.0254

■ 205.5490,  
-19.4977, 0.3955

■ 219.7140,  
-26.4810, 0.2508

■ 233.2920,  
-33.1750, 0.6209

# Harmonies

## Analogous

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



92.8920, 40.4792, -56.9103



108.1550, 28.5176, -0.1359



109.3460, 15.6054, 34.7766

# Triad

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



108.1550, 28.5176, -0.1359



104.6960, -28.9371, 41.4856



84.2850, 10.7055, -73.9179

# Complementary

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



108.1550, 28.5176, -0.1359



154.8450, -28.5176, 0.1359

# 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.



91.0920, -9.9054, -43.0537



108.1550, 28.5176, -0.1359



102.7720, -34.3976, 19.4940

# Square

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



108.1550, 28.5176, -0.1359



105.5140, -16.0294, 54.8002



98.7300, -27.4749, -7.6562



88.1610, 25.5566, -77.3172



# Rectangle

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



108.1550, 28.5176, -0.1359



107.8010, 5.5211, 49.2865



98.7300, -27.4749, -7.6562



82.9170, 5.4639, -72.7182

# Sweetspot

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



108.1550, 28.5176, -0.1359



195.1600, 10.7671, -0.1403



139.4990, 13.0650, -37.2716



96.7210, 6.5465, 0.2447



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



108.1550, 28.5176, -0.1359



125.8080, 44.9577, 0.1684



118.3210, 23.5057, 20.7665



77.2110, 3.3470, -0.1850



24.0480, 61.1083, -0.0421



3.1770, 8.2937, -0.1552



# Inverse Universe

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



124.2430, 15.1632, 36.6209



150.9650, 23.6813, 57.9127



144.6790, -23.5057, -20.7665



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959



# Previews

## White Background



This preview shows how the YUV color 108.1550, 28.5176, -0.1359 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 108.1550, 28.5176, -0.1359 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

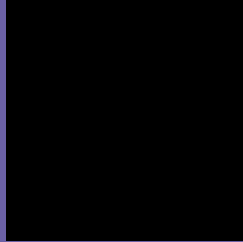
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 108.1550, 28.5176, -0.1359

## Background



This preview shows how black text looks on a background with the YUV color 108.1550, 28.5176, -0.1359.



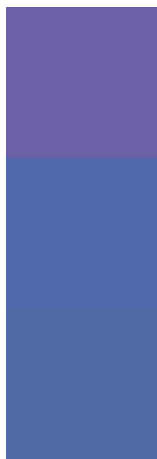
This preview shows how white text looks on a background with the YUV color 108.1550, 28.5176, -0.1359.

-0.1359.

# 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

108.1550, 28.5176, -0.1359

### Protanopia

104.2770, 33.3874, -22.1679

### Deuteranopia

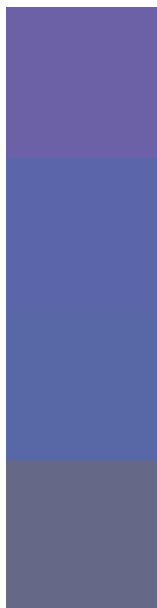
103.9410, 29.6091, -23.6273



## Tritanopia

105.6230, 5.1159, -7.5624

# Trichromacy



## Original Color

108.1550, 28.5176, -0.1359

## Protanomaly

105.5770, 31.7605, -13.6610

## Deuteranomaly

105.5830, 29.2926, -15.4203

## Tritanomaly

106.5230, 13.5462, -4.8437

# Monochromacy



## Original Color

108.1550, 28.5176, -0.1359

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.0460, 10.3303, -0.0403

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.1550, 28.5176, -0.1359 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(108, 97, 166)` looks like.

```
.text, #text, p{  
    color:rgb(108, 97, 166)  
}
```

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(108, 97, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 97, 166) }
```

## Border

The CSS property to change the border of an element to YUV 108.1550, 28.5176, -0.1359 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(108, 97, 166) }
```



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

```
.border{ border-color:rgb(108, 97, 166) }
```

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

Here you see how a box with a 4 pixel rgb(108, 97, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 97, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 97, 166);  
box-shadow:4px 4px 4px 4px rgb(108, 97,  
166) }
```

# Background

The CSS property to change the background color of an element to YUV 108.1550, 28.5176, -0.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 97, 166) }
```

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

```
.background{ background-color: rgb(108, 97,  
166) }
```

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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