

# Converting Colors

YUV(101.0890, 28.5501,  
-10.6021)

Have a look what the booklet for  
YUV(101.0890, 28.5501, -10.6021)  
contains.

<b>YUV(101.0890, 28.5501, -10.6021)</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(101.0890, 28.5501,  
-10.6021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59609F
RGB	89, 96, 159
RGB Percent	35%, 38%, 62%
CMY	0.6510, 0.6235, 0.3765
CMYK	0.44, 0.40, 0.00, 0.38
HSL	234°, 28%, 49%
HSV	234°, 44%, 62%
XYZ	14.5607, 12.9928, 34.5413
YIQ	101.0890, -24.3950, 18.1090

# Conversions

## Conversions Part 2

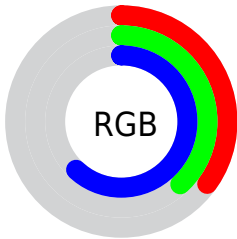
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 95, 159
Decimal	5857439
CIE Lab	42.75, 14.29, -35.11
CIE LCh	43, 37.904, 292.155
Yxy	12.9928, 0.2345, 0.2092
Android (android.graphics.Color)	4284047519 (0xFF59609F)
YUV	101.0890, 28.5501, -10.6021
Hunter-Lab	36.0455, 9.0260, -31.5839

# Details

The YUV color **101.0890, 28.5501, -10.6021** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.9110, -28.5501, 10.6021**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5560, 30.2919, -9.2576**, and **52.3120, 26.9612, -14.3056** is the 20% darker color. If you saturate the color by 10%, you get **88.0870, 34.9601, -13.2313**, and if you desaturate by 10%, it is **114.0910, 22.1401, -7.9728**.

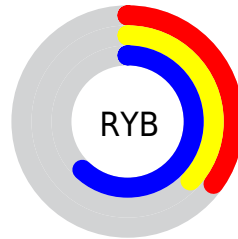
# Distribution



Red (35%)

Green (38%)

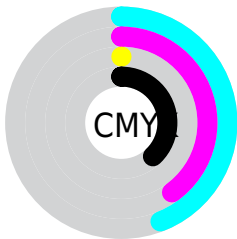
Blue (62%)



Red (35%)

Yellow (37%)

Blue (62%)

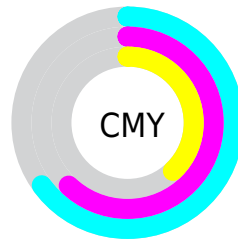


Cyan (44%)

Magenta (40%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (62%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.0890, 28.5501, -10.6021 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 101.0890, 28.5501, -10.6021 by changing the saturation by 10% instead.



■ 101.0890, 28.5501,  
-10.6021

■ 101.0890, 28.5501,  
-10.6021

■ 255.0000, 0.0000,  
0.0000

■ 76.2630, 27.9713,  
-11.6317

■ 152.5560, 30.2919,  
-9.2576

■ 52.3120, 26.9612,  
-14.3056

■ 180.0830, 31.0181,  
-8.8428

■ 26.9690, 27.1303,  
-21.8978

■ 205.6720, 24.3187,  
-6.7283

■ 9.0740, 24.6135,  
-7.9579

■ 230.4800, 12.0884,  
-3.9290

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 101.0890, 28.5501,  
-10.6021

■ 101.0890, 28.5501,  
-10.6021

■ 88.0870, 34.9601,  
-13.2313

■ 114.0910, 22.1401,  
-7.9728

■ 74.4980, 41.6595,  
-15.3457

■ 127.6800, 15.4408,  
-5.8584

■ 61.4960, 48.0695,  
-17.9750

■ 140.6820, 9.0308,  
-3.2291

■ 48.4940, 54.4795,  
-20.6042

■ 153.6840, 2.6208,  
-0.5999

■ 34.9050, 61.1788,  
-22.7187

■ 167.2730, -4.0786,  
1.5146

■ 27.5180, 64.8206,  
-24.1333

■ 179.9760,  
-10.3412, 3.5290

■ 192.9780,  
-16.7512, 6.1583

■ 205.9800,  
-23.1611, 8.7875

■ 219.5690,  
-29.8605, 10.9020

# Harmonies

## Analogous

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



81.3910, 40.2332, -71.3799



101.0890, 28.5501, -10.6021



103.8500, 17.8220, 23.8106

# Triad

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



101.0890, 28.5501, -10.6021



100.0750, -23.7010, 42.0302



78.4660, 6.1793, -68.8147

# Complementary

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



101.0890, 28.5501, -10.6021



146.9110, -28.5501, 10.6021

# 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.



90.6270, -14.6061, -28.6139



101.0890, 28.5501, -10.6021



98.2440, -30.1933, 24.3420

# Square

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



101.0890, 28.5501, -10.6021



100.5720, -10.6350, 51.2414



95.4860, -27.3546, 0.4508



82.2280, 20.5936, -72.1140



# Rectangle

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



101.0890, 28.5501, -10.6021



103.5440, 8.6058, 39.8649



95.4860, -27.3546, 0.4508



80.3270, 0.3318, -59.9228

# Sweetspot

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



101.0890, 28.5501, -10.6021



184.2520, 11.2148, -3.7290



137.2720, 7.2609, -42.3345



90.5250, 7.1362, -2.2144



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



101.0890, 28.5501, -10.6021



115.9970, 44.8645, -16.6604



105.3520, 26.4485, 10.2153



72.4990, 3.2050, -1.3146



24.5200, 58.4106, -21.5040



2.8840, 5.9732, -2.5293



# Inverse Universe

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



110.7280, -7.2609, 42.3345



131.1440, -11.4100, 66.5257



142.6480, -26.4485, -10.2153



73.5060, -0.7425, 4.8182



44.3530, -14.9640, 86.5134

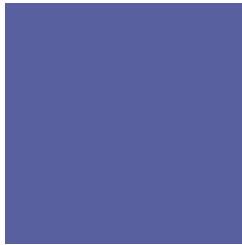


4.7130, -1.3375, 9.0217



# Previews

## White Background



This preview shows how the YUV color 101.0890, 28.5501, -10.6021 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

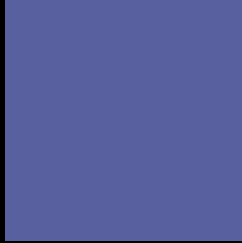
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.0890, 28.5501, -10.6021 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 101.0890, 28.5501, -10.6021 Background



This preview shows how black text looks on a background with the YUV color 101.0890, 28.5501, -10.6021.



This preview shows how white text looks on a background with the YUV color 101.0890, 28.5501, -10.6021.

-10.6021.

# 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

101.0890, 28.5501, -10.6021

### Protanopia

99.4900, 30.3244, -19.7237

### Deuteranopia

98.2290, 29.4671, -24.7568



## Tritanopia

98.2410, 7.7692, -18.6284

# Trichromacy



## Original Color

101.0890, 28.5501, -10.6021

## Protanomaly

99.9850, 29.5874, -16.6498

## Deuteranomaly

99.1480, 29.0140, -19.4238

## Tritanomaly

98.9130, 15.3259, -15.7097

# Monochromacy



## Original Color

101.0890, 28.5501, -10.6021

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.0240, 10.3412, -3.5290

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.0890, 28.5501, -10.6021 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(89, 96, 159)` looks like.

```
.text, #text, p{  
    color:rgb(89, 96, 159)  
}
```

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(89, 96, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 96, 159) }
```

## Border

The CSS property to change the border of an element to YUV 101.0890, 28.5501, -10.6021 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(89, 96, 159) }
```



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

```
.border{ border-color:rgb(89, 96, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 96, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 96, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 96, 159);  
box-shadow:4px 4px 4px 4px rgb(89, 96,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 101.0890, 28.5501, -10.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 96, 159) }
```

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

```
.background{ background-color: rgb(89, 96,  
159) }
```

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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