

# Converting Colors

YUV(134.7650, 12.9339,  
-41.8899)

Have a look what the booklet for  
YUV(134.7650, 12.9339, -41.8899)  
contains.

<b>YUV(134.7650, 12.9339, -41.8899)</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(134.7650, 12.9339,  
-41.8899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	579AA1
RGB	87, 154, 161
RGB Percent	34%, 60%, 63%
CMY	0.6588, 0.3961, 0.3686
CMYK	0.46, 0.04, 0.00, 0.37
HSL	186°, 30%, 49%
HSV	186°, 46%, 63%
XYZ	21.9191, 27.7106, 37.9116
YIQ	134.7650, -42.1790, -12.0270

# Conversions

## Conversions Part 2

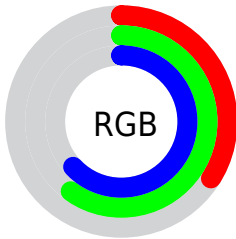
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 122, 161
Decimal	5741217
CIE <sub>Lab</sub>	59.63, -19.36, -10.31
CIE <sub>LCh</sub>	60, 21.933, 208.044
Yxy	27.7106, 0.2504, 0.3165
Android (android.graphics.Color)	4283931297 (0xFF579AA1)
YUV	134.7650, 12.9339, -41.8899
Hunter-Lab	52.6409, -17.7961, -5.8516

# Details

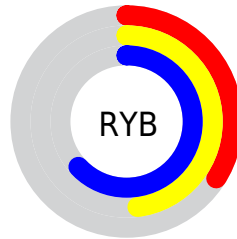
The YUV color **134.7650, 12.9339, -41.8899** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.2350, -12.9339, 41.8899**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4660, 13.0813, -42.5047**, and **81.9710, 13.8183, -45.5786** is the 20% darker color. If you saturate the color by 10%, you get **128.8070, 15.8711, -50.6967**, and if you desaturate by 10%, it is **140.7230, 9.9966, -33.0831**.

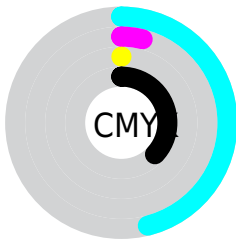
# Distribution



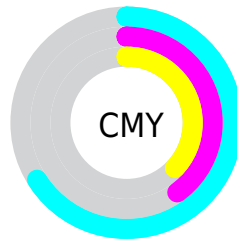
- Red (34%)
- Green (60%)
- Blue (63%)



- Red (34%)
- Yellow (48%)
- Blue (63%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (66%)
- Magenta (40%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.7650, 12.9339, -41.8899 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 134.7650, 12.9339, -41.8899 by changing the saturation by 10% instead.



■ 134.7650, 12.9339,  
-41.8899

■ 134.7650, 12.9339,  
-41.8899

■ 255.0000, 0.0000,  
0.0000

■ 108.4660, 13.0813,  
-42.5047

■ 189.4660, 13.0813,  
-42.5047

■ 81.9710, 13.8183,  
-45.5786

■ 217.4660, 13.0813,  
-42.5047

■ 55.4760, 14.5553,  
-48.6525

■ 237.6580, 8.5496,  
-35.6571

■ 39.3530, 11.1650,  
-34.5126

■ 246.3290, 4.2748,  
-17.8285

■ 24.5180, 7.6326,  
-21.5023

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 134.7650, 12.9339,  
-41.8899

■ 134.7650, 12.9339,  
-41.8899

■ 128.8070, 15.8711,  
-50.6967

■ 140.7230, 9.9966,  
-33.0831

■ 123.4360, 18.5191,  
-60.0184

■ 146.0940, 7.3487,  
-23.7614

■ 117.4780, 21.4563,  
-68.8252

■ 152.0520, 4.4114,  
-14.9546

■ 112.1070, 24.1042,  
-78.1468

■ 157.4230, 1.7635,  
-5.6330

■ 106.1490, 27.0415,  
-86.9537

■ 163.6800, -1.3212,  
3.7886

■ 104.0560, 28.0734,  
-91.2571

■ 169.0510, -3.9691,  
13.1103

■ 175.0090, -6.9064,  
21.9171

■ 180.3800, -9.5543,  
31.2387

■ 186.3380,  
-12.4916, 40.0456

# Harmonies

## Analogous

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



135.5890, 3.1606, -33.8426



134.7650, 12.9339, -41.8899



137.1060, 19.1747, -36.9270

# Triad

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



134.7650, 12.9339, -41.8899



146.7000, 8.5289, 17.8031



142.8650, -18.6674, 14.1504

# Complementary

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



134.7650, 12.9339, -41.8899



113.2350, -12.9339, 41.8899

# 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.



144.9250, -16.2320, 26.3758



134.7650, 12.9339, -41.8899



146.7740, -0.3816, 29.1392

# Square

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



134.7650, 12.9339, -41.8899



145.2400, 16.1507, -0.2105



145.9780, -9.8492, 32.4683



140.8630, -15.7085, -1.6339



# Rectangle

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



134.7650, 12.9339, -41.8899



140.4000, 20.0158, -26.6608



145.9780, -9.8492, 32.4683



143.5990, -18.5363, 18.7687

# Sweetspot

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



134.7650, 12.9339, -41.8899



198.5680, 5.1430, -16.2841



131.1220, -18.7941, -38.6950



98.4440, 3.2321, -10.0364



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.



134.7650, 12.9339, -41.8899



168.1580, 20.1351, -65.0366



113.6330, 23.3519, -23.3571



78.7220, 1.6161, -5.0182



94.0140, 25.1361, -82.4503



11.4440, 3.2321, -10.0364



# Inverse Universe

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



116.7640, 18.3573, 38.7950



140.2410, 28.4752, 60.3016



134.3670, -23.3519, 23.3571



76.6030, 2.1677, 4.7332



58.4030, 36.2833, 75.9456

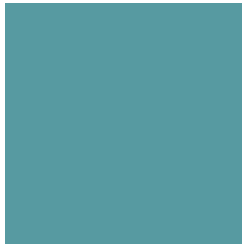


7.2060, 4.3354, 9.4663



# Previews

## White Background



This preview shows how the YUV color 134.7650, 12.9339, -41.8899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

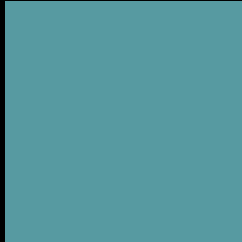
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.7650, 12.9339, -41.8899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

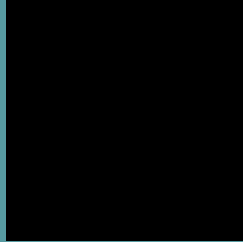
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.7650, 12.9339, -41.8899

## Background



This preview shows how black text looks on a background with the YUV color 134.7650, 12.9339, -41.8899.



This preview shows how white text looks on a background with the YUV color 134.7650, 12.9339, -41.8899.



# 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

134.7650, 12.9339, -41.8899

### Protanopia

143.2540, 4.8048, -1.0998

### Deuteranopia

144.2420, 9.7407, 2.4188



## Tritanopia

135.0470, 15.2598, -41.2602

# Trichromacy



## Original Color

134.7650, 12.9339, -41.8899

## Protanomaly

139.9640, 7.9057, -15.7544

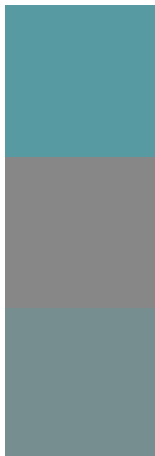
## Deuteranomaly

140.4850, 11.0999, -13.5803

## Tritanomaly

134.8190, 14.3862, -41.0603

# Monochromacy



## Original Color

134.7650, 12.9339, -41.8899

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.0520, 4.4114, -14.9546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.7650, 12.9339, -41.8899 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(87, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(87, 154, 161)  
}
```

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(87, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 154, 161) }
```

## Border

The CSS property to change the border of an element to YUV 134.7650, 12.9339, -41.8899 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(87, 154, 161) }
```



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

```
.border{ border-color:rgb(87, 154, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 154, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 154, 161); box-shadow:4px 4px 4px 4px rgb(87, 154, 161) }
```

# Background

The CSS property to change the background color of an element to YUV 134.7650, 12.9339, -41.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 154, 161) }
```

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

```
.background{ background-color: rgb(87, 154,  
161) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor