

Converting Colors

YUV(137.4360, 12.1101,
-10.9064)

Have a look what the booklet for
YUV(137.4360, 12.1101, -10.9064)
contains.

YUV(137.4360, 12.1101, -10.9064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.4360, 12.1101,
-10.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8BA2
RGB	125, 139, 162
RGB Percent	49%, 55%, 64%
CMY	0.5098, 0.4549, 0.3647
CMYK	0.23, 0.14, 0.00, 0.36
HSL	217°, 17%, 56%
HSV	217°, 23%, 64%
XYZ	24.2117, 25.4338, 37.8156
YIQ	137.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

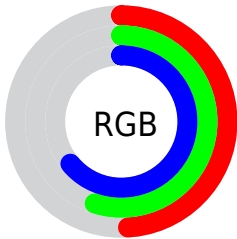
Format	Color
RYB	125, 135, 162
Decimal	8227746
CIELab	57.50, 0.16, -13.87
CIELCh	57, 13.867, 270.677
Yxy	25.4338, 0.2768, 0.2908
Android (android.graphics.Color)	4286417826 (0xFF7D8BA2)
YUV	137.4360, 12.1101, -10.9064
Hunter-Lab	50.4320, -2.5607, -9.1552

Details

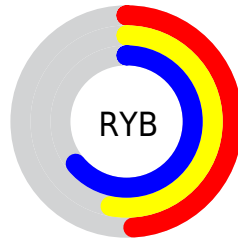
The YUV color $137.4360, 12.1101, -10.9064$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $149.5640, -12.1101, 10.9064$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.6640, 12.9836, -11.1063$, and $87.2080, 11.2365, -10.7064$ is the 20% darker color. If you saturate the color by 10%, you get $126.7820, 17.3625, -15.5948$, and if you desaturate by 10%, it is $148.0900, 6.8576, -6.2179$.

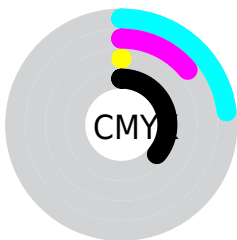
Distribution



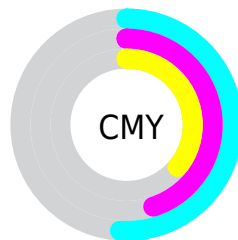
- Red (49%)
- Green (55%)
- Blue (64%)



- Red (49%)
- Yellow (53%)
- Blue (64%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (51%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4360, 12.1101, -10.9064 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 137.4360, 12.1101, -10.9064 by changing the saturation by 10% instead.

■ 137.4360, 12.1101,
-10.9064

■ 137.4360, 12.1101,
-10.9064

■ 255.0000, 0.0000,
0.0000

■ 112.3220, 11.6733,
-10.8064

■ 190.6640, 12.9836,
-11.1063

■ 87.2080, 11.2365,
-10.7064

■ 218.6640, 12.9836,
-11.1063

■ 64.0940, 10.7997,
-10.6064

■ 245.1990, 4.8319,
-9.8215

■ 41.6810, 10.5103,
-11.1212

■ 20.2680, 10.2209,
-11.6360

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 137.4360, 12.1101,
-10.9064

■ 137.4360, 12.1101,
-10.9064

■ 126.7820, 17.3625,
-15.5948

■ 148.0900, 6.8576,
-6.2179

■ 116.1280, 22.6149,
-20.2833

■ 158.7440, 1.6052,
-1.5295

■ 105.1750, 28.0147,
-25.5865

■ 169.6970, -3.7946,
3.7737

■ 94.5210, 33.2671,
-30.2749

■ 180.3510, -9.0470,
8.4622

■ 83.8670, 38.5196,
-34.9634

■ 191.0050,
-14.2995, 13.1506

■ 73.2130, 43.7720,
-39.6518

■ 201.6590,
-19.5519, 17.8391

■ 62.5590, 49.0244,
-44.3402

■ 212.3130,
-24.8043, 22.5275

■ 54.2750, 53.1084,
-47.5992

■ 223.8530,
-30.4935, 27.3159

■ 229.7230,
-33.3874, 22.1679

Harmonies

Analogous

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



135.5550, 11.5584, -20.6577



137.4360, 12.1101, -10.9064



139.5300, 9.5987, 1.2892

Triad

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



137.4360, 12.1101, -10.9064



139.4110, -6.6116, 20.6876



134.7720, -4.3246, -12.9550

Complementary

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



137.4360, 12.1101, -10.9064



149.5640, -12.1101, 10.9064

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.



136.1710, -9.4513, -1.9040



137.4360, 12.1101, -10.9064



138.6510, -10.6739, 16.9691

Square

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



137.4360, 12.1101, -10.9064



140.4800, -1.2226, 18.8730



137.3680, -11.5204, 8.4473



133.7370, 2.1017, -20.8173

Rectangle

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



137.4360, 12.1101, -10.9064



139.8900, 6.9562, 8.8665



137.3680, -11.5204, 8.4473



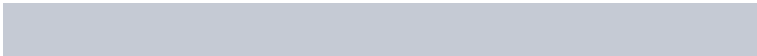
135.2240, -6.5194, -8.9664

Sweetspot

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



137.4360, 12.1101, -10.9064



201.6450, 5.1050, -4.0737



149.3410, -0.6611, -21.3471



101.6730, 2.6262, -2.3442



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



137.4360, 12.1101, -10.9064



173.8250, 18.8203, -16.5095



130.4140, 15.5719, -1.2401



76.3740, 2.7736, -2.9590



48.8150, 47.4192, -42.8108



6.1610, 5.8366, -5.4032

Inverse Universe

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



137.6590, 0.6611, 21.3471



174.4370, 0.7706, 32.9428



156.5860, -15.5719, 1.2401



76.1470, 0.4205, 5.1331



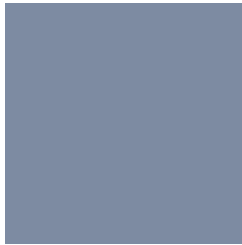
49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 137.4360, 12.1101, -10.9064 looks on a white background.

Color Contrast Check

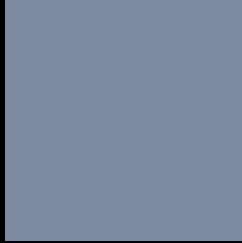
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4360, 12.1101, -10.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

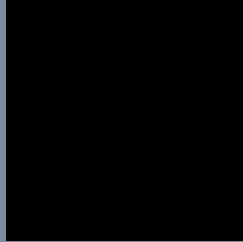
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

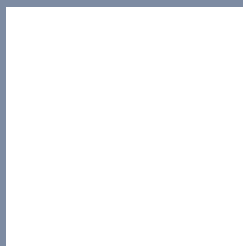
Any Text WCAG AAA × Fail

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

YUV 137.4360, 12.1101, -10.9064 Background



This preview shows how black text looks on a background with the YUV color 137.4360, 12.1101, -10.9064.



This preview shows how white text looks on a background with the YUV color 137.4360, 12.1101, -10.9064.

-10.9064.

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

137.4360, 12.1101, -10.9064

Protanopia

138.4260, 10.6360, -4.7586

Deuteranopia

139.3880, 11.6407, -0.3403



Tritanopia

136.8720, 7.4581, -12.1657

Trichromacy



Original Color

137.4360, 12.1101, -10.9064

Protanomaly

138.2300, 11.2256, -7.2177

Deuteranomaly

138.4800, 12.0884, -3.9290

Tritanomaly

137.0400, 9.3473, -11.4361

Monochromacy



Original Color

137.4360, 12.1101, -10.9064

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.4170, 4.2314, -3.8737

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4360, 12.1101, -10.9064 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(125, 139, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 162)  
}
```

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(125, 139, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 162) }
```

Border

The CSS property to change the border of an element to YUV 137.4360, 12.1101, -10.9064 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(125, 139, 162) }
```


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

```
.border{ border-color:rgb(125, 139, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 137.4360, 12.1101, -10.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 162) }
```

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

```
.background{ background-color: rgb(125,  
139, 162) }
```

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