

Converting Colors

YUV(137.3970, 14.5943,
-14.3802)

Have a look what the booklet for
YUV(137.3970, 14.5943, -14.3802)
contains.

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Color

**YUV(137.3970, 14.5943,
-14.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	798CA7
RGB	121, 140, 167
RGB Percent	47%, 55%, 65%
CMY	0.5255, 0.4510, 0.3451
CMYK	0.28, 0.16, 0.00, 0.35
HSL	215°, 21%, 56%
HSV	215°, 28%, 65%
XYZ	24.2383, 25.6111, 40.2252
YIQ	137.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

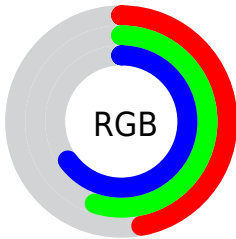
Format	Color
R_{YB}	121, 134, 167
Decimal	7965863
CIE _{Lab}	57.67, -0.45, -16.50
CIE _{LCh}	58, 16.504, 268.423
Yxy	25.6111, 0.2691, 0.2843
Android (android.graphics.Color)	4286155943 (0xFF798CA7)
YUV	137.3970, 14.5943, -14.3802
Hunter-Lab	50.6074, -3.0710, -11.7013

Details

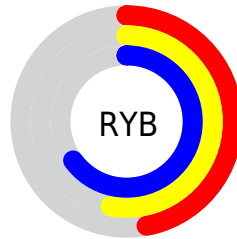
The YUV color $137.3970, 14.5943, -14.3802$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $150.6030, -14.5943, 14.3802$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.6250, 15.4679, -14.5801$, and $87.1690, 13.7207, -14.1802$ is the 20% darker color. If you saturate the color by 10%, you get $126.4440, 19.9941, -19.6834$, and if you desaturate by 10%, it is $148.3500, 9.1944, -9.0770$.

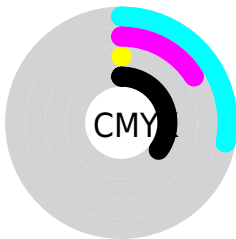
Distribution



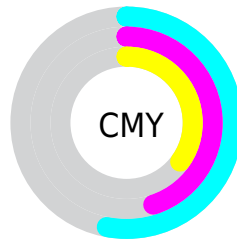
- Red (47%)
- Green (55%)
- Blue (65%)



- Red (47%)
- Yellow (53%)
- Blue (65%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (53%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3970, 14.5943, -14.3802 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 137.3970, 14.5943, -14.3802 by changing the saturation by 10% instead.

■ 137.3970, 14.5943,
-14.3802

■ 137.3970, 14.5943,
-14.3802

255.0000, 0.0000,
0.0000

■ 112.2830, 14.1575,
-14.2802

■ 190.6250, 15.4679,
-14.5801

■ 87.1690, 13.7207,
-14.1802

■ 218.7390, 15.9047,
-14.6801

■ 63.6420, 12.9945,
-14.5950

■ 244.5900, 5.1321,
-12.7954

■ 41.2290, 12.7051,
-15.1098

■ 19.2180, 12.7105,
-16.8542

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 137.3970, 14.5943,
-14.3802

■ 137.3970, 14.5943,
-14.3802

■ 126.4440, 19.9941,
-19.6834

■ 148.3500, 9.1944,
-9.0770

■ 115.7900, 25.2465,
-24.3718

■ 159.0040, 3.9420,
-4.3885

■ 105.4240, 30.3570,
-30.1898

■ 169.3700, -1.1684,
1.4295

■ 94.4710, 35.7568,
-35.4931

■ 180.3230, -6.5682,
6.7327

■ 83.5180, 41.1566,
-40.7963

■ 190.9770,
-11.8207, 11.4212

■ 72.8640, 46.4090,
-45.4847

■ 201.9300,
-17.2205, 16.7244

■ 61.9110, 51.8089,
-50.7879

■ 212.8830,
-22.6203, 22.0276

■ 59.5410, 52.9773,
-52.2175

■ 223.2490,
-27.7308, 27.8456

■ 229.1190,
-30.6247, 22.6976

Harmonies

Analogous

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



134.5050, 14.0480, -25.8759



137.3970, 14.5943, -14.3802



139.8010, 11.9301, 0.1745

Triad

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



137.3970, 14.5943, -14.3802



140.2050, -7.4961, 24.3762



134.4190, -5.6296, -14.3995

Complementary

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



137.3970, 14.5943, -14.3802



150.6030, -14.5943, 14.3802

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.



136.6010, -11.6353, -1.4041



137.3970, 14.5943, -14.3802



139.5050, -12.5740, 19.7281

Square

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



137.3970, 14.5943, -14.3802



141.0290, -0.5073, 22.7766



137.8090, -13.7098, 10.6915



133.3020, 1.8231, -24.8209

Rectangle

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



137.3970, 14.5943, -14.3802



140.9440, 8.4086, 9.6961



137.8090, -13.7098, 10.6915



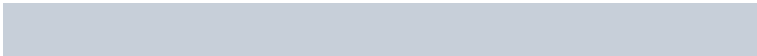
135.1700, -7.9718, -9.7961

Sweetspot

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



137.3970, 14.5943, -14.3802



205.7480, 5.5472, -5.9180



151.0800, -1.5184, -26.3802



102.6020, 3.6472, -3.1590



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.



137.3970, 14.5943, -14.3802



170.8180, 22.7677, -22.6424



127.4400, 19.5031, -2.1399



78.6730, 2.6262, -2.3442



52.6790, 46.9933, -46.1995



6.9760, 6.4208, -6.1180

Inverse Universe

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



136.9200, 1.5184, 26.3802



169.9480, 2.4906, 41.2646



160.5600, -19.5031, 2.1399



78.7340, 0.1311, 4.6183



51.2060, 4.8284, 84.8883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 137.3970, 14.5943, -14.3802 looks on a white background.

Color Contrast Check

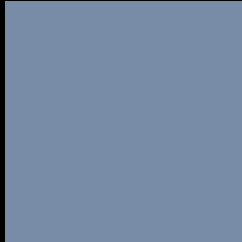
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3970, 14.5943, -14.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

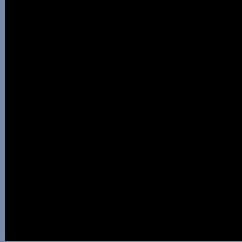
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

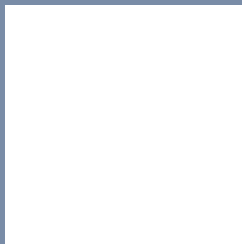
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3970, 14.5943, -14.3802

Background



This preview shows how black text looks on a background with the YUV color 137.3970, 14.5943, -14.3802.



This preview shows how white text looks on a background with the YUV color 137.3970, 14.5943, -14.3802.

-14.3802.

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

137.3970, 14.5943, -14.3802

Protanopia

138.6970, 12.9674, -5.8733

Deuteranopia

139.3600, 14.1195, -2.0697



Tritanopia

136.1920, 8.7793, -15.9544

Trichromacy



Original Color

137.3970, 14.5943, -14.3802

Protanomaly

138.2020, 13.7044, -8.9472

Deuteranomaly

138.7400, 14.4252, -6.7880

Tritanomaly

136.4740, 11.1053, -15.3247

Monochromacy



Original Color

137.3970, 14.5943, -14.3802

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0470, 5.3998, -5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3970, 14.5943, -14.3802 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(121, 140, 167)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 167)  
}
```

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(121, 140, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 167) }
```

Border

The CSS property to change the border of an element to YUV 137.3970, 14.5943, -14.3802 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(121, 140, 167) }
```


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

```
.border{ border-color:rgb(121, 140, 167) }
```

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

Here you see how a box with a 4 pixel rgb(121, 140, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 140, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 140, 167);  
box-shadow:4px 4px 4px 4px rgb(121, 140,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 137.3970, 14.5943, -14.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 167) }
```

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

```
.background{ background-color: rgb(121,  
140, 167) }
```

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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