

Converting Colors

YUV(137.8020, 10.4506, 8.0666)

Have a look what the booklet for
YUV(137.8020, 10.4506, 8.0666)
contains.

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Color

**YUV(137.8020, 10.4506,
8.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	93819F
RGB	147, 129, 159
RGB Percent	58%, 51%, 62%
CMY	0.4235, 0.4941, 0.3765
CMYK	0.08, 0.19, 0.00, 0.38
HSL	276°, 14%, 56%
HSV	276°, 19%, 62%
XYZ	26.1409, 24.4068, 36.1341
YIQ	137.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

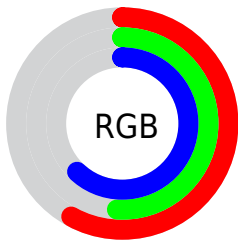
Format	Color
R_{YB}	147, 129, 159
Decimal	9666975
CIE _{Lab}	56.49, 12.69, -13.48
CIE _{LCh}	56, 18.515, 313.273
Yxy	24.4068, 0.3016, 0.2816
Android (android.graphics.Color)	4287857055 (0xFF93819F)
YUV	137.8020, 10.4506, 8.0666
Hunter-Lab	49.4032, 7.9947, -8.7832

Details

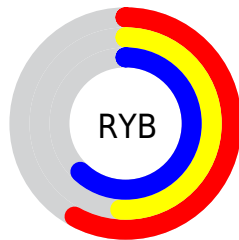
The YUV color **137.8020, 10.4506, 8.0666** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **150.1980, -10.4506, -8.0666**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3290, 11.1768, 8.4815**, and **87.9760, 9.8718, 7.0370** is the 20% darker color. If you saturate the color by 10%, you get **126.6160, 15.9653, 12.6148**, and if you desaturate by 10%, it is **148.9880, 4.9359, 3.5185**.

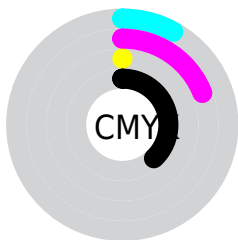
Distribution



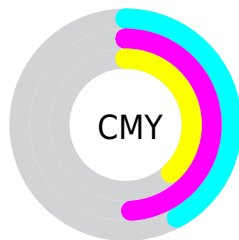
- Red (58%)
- Green (51%)
- Blue (62%)



- Red (58%)
- Yellow (51%)
- Blue (62%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8020, 10.4506, 8.0666 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 137.8020, 10.4506, 8.0666 by changing the saturation by 10% instead.

■ 137.8020, 10.4506,
8.0666

■ 137.8020, 10.4506,
8.0666

■ 255.0000, 0.0000,
0.0000

■ 112.3890, 10.1612,
7.5518

■ 191.3290, 11.1768,
8.4815

■ 87.9760, 9.8718,
7.0370

■ 219.3290, 11.1768,
8.4815

■ 64.4490, 9.1456,
6.6222

■ 245.0210, 4.9196,
8.7516

■ 42.0360, 8.8563,
6.1074

■ 20.9220, 8.4195,
6.2074

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

137.8020, 10.4506,
8.0666

137.8020, 10.4506,
8.0666

126.6160, 15.9653,
12.6148

148.9880, 4.9359,
3.5185

115.1310, 21.6274,
16.5481

160.4730, -0.7262,
-0.4148

103.9450, 27.1421,
21.0962

171.6590, -6.2409,
-4.9629

92.7590, 32.6568,
25.6444

182.8450,
-11.7556, -9.5111

81.2740, 38.3189,
29.5777

194.3300,
-17.4177, -13.4444

70.6750, 43.5442,
33.6110

204.9290,
-22.6430, -17.4777

■ 59.1900, 49.2063,
37.5444

■ 216.4140,
-28.3051, -21.4111

■ 48.0040, 54.7210,
42.0925

■ 227.0130,
-33.5304, -25.4444

■ 46.5310, 55.4472,
42.5073

■ 228.8070,
-34.4149, -21.7557

Harmonies

Analogous

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



135.3700, 15.5936, -8.2175



137.8020, 10.4506, 8.0666



138.3430, 3.2819, 20.7472

Triad

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



137.8020, 10.4506, 8.0666



135.5110, -15.0419, 17.9689



128.8110, 6.5022, -32.2832

Complementary

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



137.8020, 10.4506, 8.0666



150.1980, -10.4506, -8.0666

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.



129.9880, -1.9661, -22.7915



137.8020, 10.4506, 8.0666



134.1350, -14.8566, 5.1436

Square

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



137.8020, 10.4506, 8.0666



137.1790, -11.4272, 25.2760



132.0130, -9.8664, -8.7814



129.3470, 13.6329, -32.7533

Rectangle

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



137.8020, 10.4506, 8.0666



137.9970, -1.9705, 25.4356



132.0130, -9.8664, -8.7814



129.1380, 3.8760, -29.9390

Sweetspot

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



137.8020, 10.4506, 8.0666



197.8740, 4.4991, 3.6185



139.4640, 9.6312, -9.1769



99.4070, 2.7573, 2.2741



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.



137.8020, 10.4506, 8.0666



173.1430, 16.6915, 13.0296



141.0480, 7.3713, 15.7439



73.4070, 2.7573, 2.2741



42.0160, 49.7851, 38.5740



4.4010, 5.2253, 4.0333

Inverse Universe

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



139.3380, 0.8194, 17.2436



175.5180, 1.2236, 27.6097



146.9520, -7.3713, -15.7439



73.7340, 0.1311, 4.6183



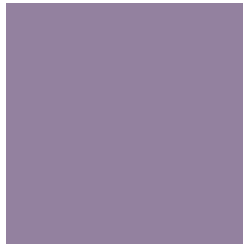
49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 137.8020, 10.4506, 8.0666 looks on a white background.

Color Contrast Check

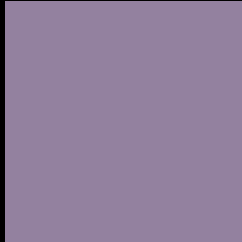
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8020, 10.4506, 8.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

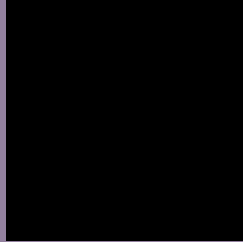
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8020, 10.4506, 8.0666

Background



This preview shows how black text looks on a background with the YUV color 137.8020, 10.4506, 8.0666.



This preview shows how white text looks on a background with the YUV color 137.8020, 10.4506, 8.0666.

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

137.8020, 10.4506, 8.0666

Protanopia

136.1100, 13.2568, -5.3585

Deuteranopia

136.7580, 10.4723, 1.0892



Tritanopia

136.7280, 2.5991, 6.3775

Trichromacy



Original Color

137.8020, 10.4506, 8.0666

Protanomaly

136.6160, 12.5143, -0.5402

Deuteranomaly

137.0680, 10.3195, 3.4484

Tritanomaly

137.1240, 5.3619, 6.9073

Monochromacy



Original Color

137.8020, 10.4506, 8.0666

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8020, 10.4506, 8.0666 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(147, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(147, 129, 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(147, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 129, 159) }
```

Border

The CSS property to change the border of an element to YUV 137.8020, 10.4506, 8.0666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

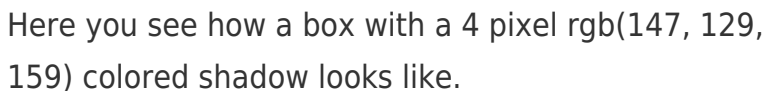
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 129, 159) }
```


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

```
.border{ border-color:rgb(147, 129, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 129, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 129, 159); box-shadow:4px 4px 4px 4px rgb(147, 129, 159) }
```

Background

The CSS property to change the background color of an element to YUV 137.8020, 10.4506, 8.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 129, 159) }
```

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

```
.background{ background-color: rgb(147,  
129, 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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