

Converting Colors

YUV(137.6390, 11.0240,
10.8406)

Have a look what the booklet for
YUV(137.6390, 11.0240, 10.8406)
contains.

YUV(137.6390, 11.0240, 10.8406)	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(137.6390, 11.0240,
10.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	967FA0
RGB	150, 127, 160
RGB Percent	59%, 50%, 63%
CMY	0.4118, 0.5020, 0.3725
CMYK	0.06, 0.21, 0.00, 0.37
HSL	282°, 15%, 56%
HSV	282°, 21%, 63%
XYZ	26.5122, 24.2008, 36.5316
YIQ	137.6390, 3.1150, 15.1390

Conversions

Conversions Part 2

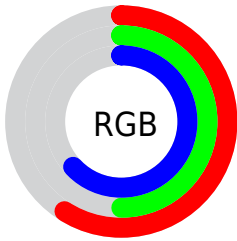
Format	Color
R_{YB}	150, 127, 160
Decimal	9863072
CIE _{Lab}	56.29, 15.10, -14.34
CIE _{LCh}	56, 20.827, 316.491
Yxy	24.2008, 0.3039, 0.2774
Android (android.graphics.Color)	4288053152 (0xFF967FA0)
YUV	137.6390, 11.0240, 10.8406
Hunter-Lab	49.1943, 10.1085, -9.5925

Details

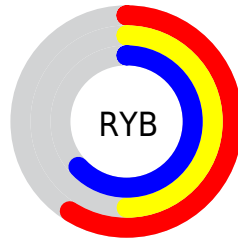
The YUV color $137.6390, 11.0240, 10.8406$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $149.3610, -11.0240, -10.8406$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1660, 11.7502, 11.2554$, and $87.6990, 10.0084, 9.9110$ is the 20% darker color. If you saturate the color by 10%, you get $126.7520, 16.3913, 16.0035$, and if you desaturate by 10%, it is $148.5260, 5.6567, 5.6777$.

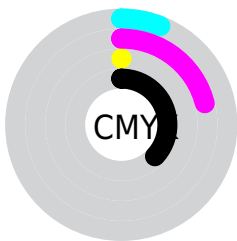
Distribution



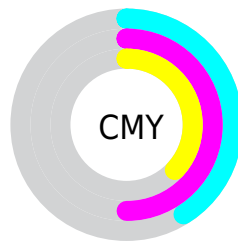
- Red (59%)
- Green (50%)
- Blue (63%)



- Red (59%)
- Yellow (50%)
- Blue (63%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6390, 11.0240, 10.8406 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 137.6390, 11.0240, 10.8406 by changing the saturation by 10% instead.

■ 137.6390, 11.0240,
10.8406

■ 137.6390, 11.0240,
10.8406

■ 255.0000, 0.0000,
0.0000

■ 112.2260, 10.7346,
10.3258

■ 191.1660, 11.7502,
11.2554

■ 87.6990, 10.0084,
9.9110

■ 218.8780, 11.8921,
12.3850

■ 64.2860, 9.7190,
9.3962

■ 243.8470, 5.4984,
9.7812

■ 41.8730, 9.4296,
8.8814

■ 20.4600, 9.1402,
8.3666

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

137.6390, 11.0240,
10.8406

137.6390, 11.0240,
10.8406

126.7520, 16.3913,
16.0035

148.5260, 5.6567,
5.6777

115.8650, 21.7586,
21.1664

159.4130, 0.2894,
0.5148

104.9780, 27.1258,
26.3293

170.3000, -5.0779,
-4.6481

94.3900, 32.3457,
32.1070

180.8880,
-10.2978, -10.4258

83.5030, 37.7130,
37.2699

191.7750,
-15.6651, -15.5887

72.6160, 43.0803,
42.4328

202.6620,
-21.0324, -20.7516

■ 61.7290, 48.4476,
47.5957

■ 213.5490,
-26.3997, -25.9145

■ 51.7280, 53.3781,
52.8585

■ 224.4360,
-31.7669, -31.0774

■ 225.9310,
-32.5040, -28.0035

Harmonies

Analogous

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



135.3100, 16.6092, -7.2879



137.6390, 11.0240, 10.8406



138.2510, 2.8343, 24.3359

Triad

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



137.6390, 11.0240, 10.8406



134.9410, -17.2259, 18.4687



126.7610, 8.9918, -37.5014

Complementary

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



137.6390, 11.0240, 10.8406



149.3610, -11.0240, -10.8406

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.



128.4820, -1.2236, -27.6097



137.6390, 11.0240, 10.8406



133.0810, -16.3089, 4.3140

Square

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



137.6390, 11.0240, 10.8406



136.0330, -13.3273, 28.0351



130.8770, -10.2924, -12.1701



127.7100, 16.4120, -37.4567

Rectangle

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



137.6390, 11.0240, 10.8406



137.7910, -2.8550, 29.1243



130.8770, -10.2924, -12.1701



126.8600, 5.4920, -34.9572

Sweetspot

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



137.6390, 11.0240, 10.8406



200.7600, 4.0623, 3.7185



136.6320, 11.5204, -8.4473



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.



137.6390, 11.0240, 10.8406



173.6920, 17.4068, 16.9331



139.9450, 6.9291, 17.5882



73.7060, 2.6099, 2.8888



46.2020, 47.7214, 47.1808



4.9990, 4.9305, 5.2629

Inverse Universe

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



138.0070, -0.4965, 19.2879



174.3720, -0.6764, 30.3688



147.0550, -6.9291, -17.5882



73.7340, 0.1311, 4.6183



47.6590, -2.2969, 83.6141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 137.6390, 11.0240, 10.8406 looks on a white background.

Color Contrast Check

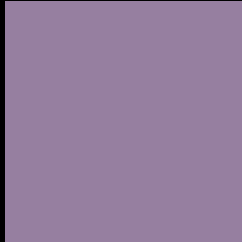
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6390, 11.0240, 10.8406 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 137.6390, 11.0240, 10.8406

Background



This preview shows how black text looks on a background with the YUV color 137.6390, 11.0240, 10.8406.



This preview shows how white text looks on a background with the YUV color 137.6390, 11.0240,

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

137.6390, 11.0240, 10.8406

Protanopia

135.7400, 14.4252, -6.7880

Deuteranopia

136.5730, 11.0565, 0.3745



Tritanopia

136.3370, 2.2989, 9.3515

Trichromacy



Original Color

137.6390, 11.0240, 10.8406

Protanomaly

136.1430, 13.2405, -0.1254

Deuteranomaly

136.8940, 10.8983, 4.4780

Tritanomaly

136.8470, 5.4984, 9.7812

Monochromacy



Original Color

137.6390, 11.0240, 10.8406

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6390, 11.0240, 10.8406 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(150, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 160)  
}
```

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(150, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 160) }
```

Border

The CSS property to change the border of an element to YUV 137.6390, 11.0240, 10.8406 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(150, 127, 160) }
```


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

```
.border{ border-color:rgb(150, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 137.6390, 11.0240, 10.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 160) }
```

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

```
.background{ background-color: rgb(150,  
127, 160) }
```

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