

Converting Colors

YUV(137.9740, 12.8308,
-8.7472)

Have a look what the booklet for
YUV(137.9740, 12.8308, -8.7472)
contains.

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Color

**YUV(137.9740, 12.8308,
-8.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	808AA4
RGB	128, 138, 164
RGB Percent	50%, 54%, 64%
CMY	0.4980, 0.4588, 0.3569
CMYK	0.22, 0.16, 0.00, 0.36
HSL	223°, 17%, 57%
HSV	223°, 22%, 64%
XYZ	24.6914, 25.4465, 38.7322
YIQ	137.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

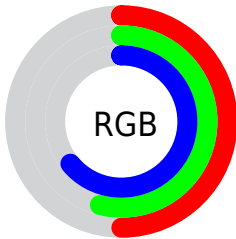
Format	Color
R_{YB}	128, 136, 164
Decimal	8424100
CIE _{Lab}	57.51, 2.19, -14.97
CIE _{LCh}	58, 15.132, 278.326
Yxy	25.4465, 0.2778, 0.2863
Android (android.graphics.Color)	4286614180 (0xFF808AA4)
YUV	137.9740, 12.8308, -8.7472
Hunter-Lab	50.4445, -0.9063, -10.2128

Details

The YUV color $137.9740, 12.8308, -8.7472$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $154.0260, -12.8308, 8.7472$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.2020, 13.7044, -8.9472$, and $87.7460, 11.9572, -8.5472$ is the 20% darker color. If you saturate the color by 10%, you get $126.1460, 18.6620, -12.4060$, and if you desaturate by 10%, it is $149.8020, 6.9996, -5.0884$.

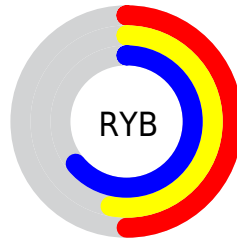
Distribution



Red (50%)

Green (54%)

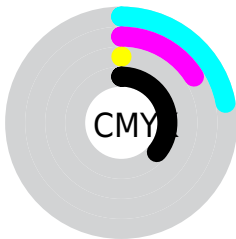
Blue (64%)



Red (50%)

Yellow (53%)

Blue (64%)

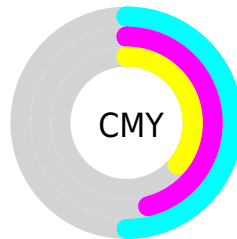


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9740, 12.8308, -8.7472 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 137.9740, 12.8308, -8.7472 by changing the saturation by 10% instead.

■ 137.9740, 12.8308,
-8.7472

■ 137.9740, 12.8308,
-8.7472

■ 255.0000, 0.0000,
0.0000

■ 112.8600, 12.3940,
-8.6472

■ 191.2020, 13.7044,
-8.9472

■ 87.7460, 11.9572,
-8.5472

■ 219.3160, 14.1412,
-9.0471

■ 64.6320, 11.5204,
-8.4473

■ 245.5090, 4.6791,
-7.4624

■ 42.1050, 10.7942,
-8.8621

■ 21.2790, 10.2155,
-9.8917

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 137.9740, 12.8308,
-8.7472

■ 137.9740, 12.8308,
-8.7472

■ 126.1460, 18.6620,
-12.4060

■ 149.8020, 6.9996,
-5.0884

■ 114.0190, 24.6406,
-16.6797

■ 161.9290, 1.0210,
-0.8147

■ 102.1910, 30.4718,
-20.3385

■ 173.7570, -4.8102,
2.8441

■ 90.6510, 36.1611,
-25.1269

■ 185.2970,
-10.4994, 7.6325

■ 78.8230, 41.9923,
-28.7858

■ 197.1250,
-16.3306, 11.2914

■ 66.9950, 47.8235,
-32.4446

■ 208.9530,
-22.1618, 14.9502

■ 54.8680, 53.8021,
-36.7182

■ 221.0800,
-28.1404, 19.2238

■ 45.6980, 58.3229,
-40.0771

■ 231.7120,
-33.3820, 20.4236

■ 238.7560,
-36.8547, 14.2460

Harmonies

Analogous

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



135.3100, 13.1582, -20.4429



137.9740, 12.8308, -8.7472



140.1390, 9.2985, 4.2631

Triad

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



137.9740, 12.8308, -8.7472



139.5530, -8.6536, 22.3170



134.0920, -3.0034, -16.7437

Complementary

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



137.9740, 12.8308, -8.7472



154.0260, -12.8308, 8.7472

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.



135.5620, -9.1511, -4.8779



137.9740, 12.8308, -8.7472



138.5970, -12.1263, 16.1394

Square

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



137.9740, 12.8308, -8.7472



140.4480, -2.6859, 21.5321



137.1290, -12.3886, 6.9029



133.1710, 3.8597, -24.7060

Rectangle

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



137.9740, 12.8308, -8.7472



140.5700, 5.6350, 12.6551



137.1290, -12.3886, 6.9029



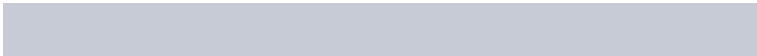
134.5440, -5.1982, -12.7551

Sweetspot

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



137.9740, 12.8308, -8.7472



203.0580, 5.3944, -3.5589



152.0960, 0.9387, -21.1322



101.0860, 2.9156, -1.8294



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.



137.9740, 12.8308, -8.7472



174.0750, 19.6830, -13.2208



134.4960, 14.5455, 1.3190



75.7870, 3.0630, -2.4442



40.0100, 51.7601, -35.0888



4.9870, 6.4154, -4.3736

Inverse Universe

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



139.9040, -0.9387, 21.1322



177.1550, -1.5554, 32.3131



157.5040, -14.5455, -1.3190



76.0330, -0.0163, 5.2331



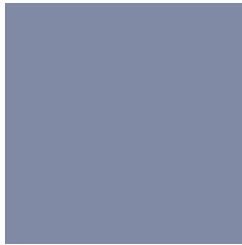
47.9150, -3.9021, 85.1435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 137.9740, 12.8308, -8.7472 looks on a white background.

Color Contrast Check

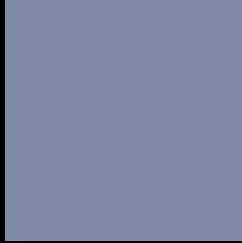
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9740, 12.8308, -8.7472 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

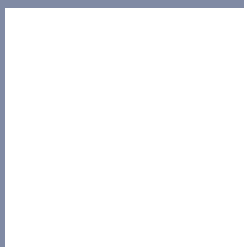
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.9740, 12.8308, -8.7472

Background



This preview shows how black text looks on a background with the YUV color 137.9740, 12.8308, -8.7472.



This preview shows how white text looks on a background with the YUV color 137.9740, 12.8308, -8.7472.

-8.7472.

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

137.9740, 12.8308, -8.7472

Protanopia

138.7680, 11.9464, -5.0585

Deuteranopia

139.3170, 12.6617, -1.1550



Tritanopia

137.0680, 6.8685, -9.7066

Trichromacy



Original Color

137.9740, 12.8308, -8.7472

Protanomaly

138.1700, 12.2412, -6.2881

Deuteranomaly

138.7080, 12.9620, -4.1289

Tritanomaly

137.3500, 9.1945, -9.0769

Monochromacy



Original Color

137.9740, 12.8308, -8.7472

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9740, 12.8308, -8.7472 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(128, 138, 164)` looks like.

```
.text, #text, p{  
    color:rgb(128, 138, 164)  
}
```

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(128, 138, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 138, 164) }
```

Border

The CSS property to change the border of an element to YUV 137.9740, 12.8308, -8.7472 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(128, 138, 164) }
```


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

```
.border{ border-color:rgb(128, 138, 164) }
```

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

Here you see how a box with a 4 pixel rgb(128, 138, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 138, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 138, 164);  
box-shadow:4px 4px 4px 4px rgb(128, 138,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 137.9740, 12.8308, -8.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 138, 164) }
```

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

```
.background{ background-color: rgb(128,  
138, 164) }
```

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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