

Converting Colors

YUV(167.9740, 12.8308,
-8.7472)

Have a look what the booklet for
YUV(167.9740, 12.8308, -8.7472)
contains.

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Color

**YUV(167.9740, 12.8308,
-8.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA8C2
RGB	158, 168, 194
RGB Percent	62%, 66%, 76%
CMY	0.3804, 0.3412, 0.2392
CMYK	0.19, 0.13, 0.00, 0.24
HSL	223°, 23%, 69%
HSV	223°, 19%, 76%
XYZ	37.8408, 39.1694, 56.6050
YIQ	167.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

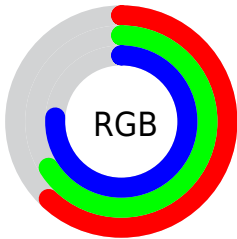
Format	Color
R _Y B	158, 166, 194
Decimal	10397890
CIE Lab	68.87, 1.99, -14.48
CIE LCh	69, 14.618, 277.832
Yxy	39.1694, 0.2832, 0.2932
Android (android.graphics.Color)	4288587970 (0xFF9EA8C2)
YUV	167.9740, 12.8308, -8.7472
Hunter-Lab	62.5855, -1.5989, -9.8146

Details

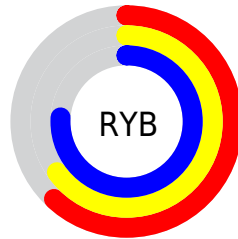
The YUV color **167.9740, 12.8308, -8.7472** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **184.0260, -12.8308, 8.7472**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2020, 13.7044, -8.9472**, and **115.7460, 11.9572, -8.5472** is the 20% darker color. If you saturate the color by 10%, you get **154.0750, 19.6830, -13.2208**, and if you desaturate by 10%, it is **181.8730, 5.9786, -4.2736**.

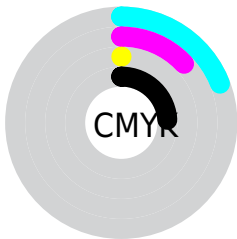
Distribution



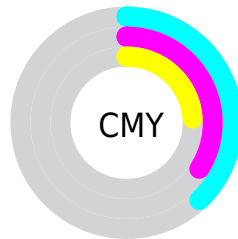
- Red (62%)
- Green (66%)
- Blue (76%)



- Red (62%)
- Yellow (65%)
- Blue (76%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9740, 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 167.9740, 12.8308, -8.7472 by changing the saturation by 10% instead.

■ 167.9740, 12.8308,
-8.7472

■ 167.9740, 12.8308,
-8.7472

255.0000, 0.0000,
0.0000

■ 141.8600, 12.3940,
-8.6472

■ 223.2020, 13.7044,
-8.9472

■ 115.7460, 11.9572,
-8.5472

■ 249.0530, 2.9319,
-7.0625

■ 91.6320, 11.5204,
-8.4473

■ 67.5180, 11.0836,
-8.3473

■ 45.1050, 10.7942,
-8.8621

■ 23.5780, 10.0680,
-9.2769

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 167.9740, 12.8308,
-8.7472

■ 167.9740, 12.8308,
-8.7472

■ 154.0750, 19.6830,
-13.2208

■ 181.8730, 5.9786,
-4.2736

■ 139.8770, 26.6826,
-18.3091

■ 196.0710, -1.0210,
0.8147

■ 125.9780, 33.5348,
-22.7827

■ 209.9700, -7.8732,
5.2883

■ 111.7800, 40.5345,
-27.8711

■ 224.1680,
-14.8728, 10.3767

■ 97.8810, 47.3867,
-32.3446

■ 238.0670,
-21.7250, 14.8502

■ 83.9820, 54.2389,
-36.8182

■ 246.2850,
-25.7765, 7.6431

■ 69.7840, 61.2385,
-41.9066

■ 248.0460,
-26.6447, 6.0987

■ 55.8850, 68.0907,
-46.3801

■ 53.8140, 69.1117,
-47.1949

Harmonies

Analogous

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



165.6090, 13.0108, -19.8281



167.9740, 12.8308, -8.7472



170.1390, 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.



167.9740, 12.8308, -8.7472



169.5530, -8.6536, 22.3170



164.3910, -3.1508, -16.1289

Complementary

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



167.9740, 12.8308, -8.7472



184.0260, -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.



165.5620, -9.1511, -4.8779



167.9740, 12.8308, -8.7472



168.8960, -12.2737, 16.7542

Square

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



167.9740, 12.8308, -8.7472



170.7470, -2.8333, 22.1469



167.1290, -12.3886, 6.9029



163.4700, 3.7123, -24.0912

Rectangle

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



167.9740, 12.8308, -8.7472



170.5700, 5.6350, 12.6551



167.1290, -12.3886, 6.9029



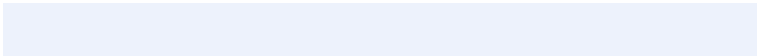
164.5440, -5.1982, -12.7551

Sweetspot

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



167.9740, 12.8308, -8.7472



241.6450, 5.1050, -4.0737



182.0960, 0.9387, -21.1322



121.2000, 3.3524, -1.9294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



167.9740, 12.8308, -8.7472



212.0750, 19.6830, -13.2208



164.4960, 14.5455, 1.3190



89.9010, 3.4998, -2.5442



44.7690, 57.3019, -39.2624



9.0450, 11.8098, -7.9325

Inverse Universe

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



169.9040, -0.9387, 21.1322



215.1550, -1.5554, 32.3131



187.5040, -14.5455, -1.3190



90.3320, -0.1637, 5.8478



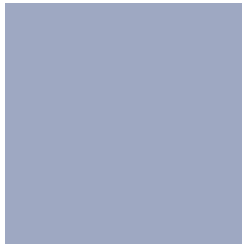
53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 167.9740, 12.8308, -8.7472 looks on a white background.

Color Contrast Check

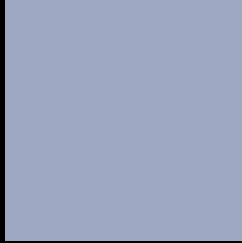
Large Text (above 18pt) WCAG AA × Fail

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 167.9740, 12.8308, -8.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

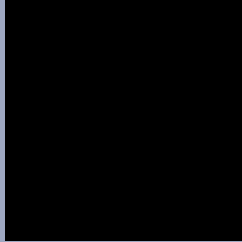
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.9740, 12.8308, -8.7472

Background



This preview shows how black text looks on a background with the YUV color 167.9740, 12.8308, -8.7472.



This preview shows how white text looks on a background with the YUV color 167.9740, 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

167.9740, 12.8308, -8.7472

Protanopia

168.7680, 11.9464, -5.0585

Deuteranopia

169.6270, 12.5089, 1.2041



Tritanopia

167.2960, 7.7421, -9.9066

Trichromacy



Original Color

167.9740, 12.8308, -8.7472

Protanomaly

168.1700, 12.2412, -6.2881

Deuteranomaly

168.7190, 12.9565, -2.3846

Tritanomaly

167.4640, 9.6312, -9.1769

Monochromacy



Original Color

167.9740, 12.8308, -8.7472

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9740, 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(158, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(158, 168, 194)  
}
```

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(158, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 168, 194) }
```

Border

The CSS property to change the border of an element to YUV 167.9740, 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(158, 168, 194) }
```


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

```
.border{ border-color:rgb(158, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(158, 168,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 167.9740, 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(158, 168, 194) }
```

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

```
.background{ background-color: rgb(158,  
168, 194) }
```

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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