

Converting Colors

YUV(85.9740, 12.8308, -8.7472)

Have a look what the booklet for
YUV(85.9740, 12.8308, -8.7472)
contains.

YUV(85.9740, 12.8308, -8.7472)	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(85.9740, 12.8308,
-8.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5670
RGB	76, 86, 112
RGB Percent	30%, 34%, 44%
CMY	0.7020, 0.6627, 0.5608
CMYK	0.32, 0.23, 0.00, 0.56
HSL	223°, 19%, 37%
HSV	223°, 32%, 44%
XYZ	9.2329, 9.3619, 16.6496
YIQ	85.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

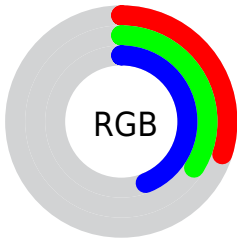
Format	Color
R _Y B	76, 84, 112
Decimal	5002864
CIE Lab	36.67, 2.81, -16.14
CIE LCh	37, 16.379, 279.884
Yxy	9.3619, 0.2620, 0.2656
Android (android.graphics.Color)	4283192944 (0xFF4C5670)
YUV	85.9740, 12.8308, -8.7472
Hunter-Lab	30.5973, 0.3182, -10.8448

Details

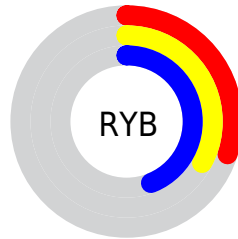
The YUV color **85.9740, 12.8308, -8.7472** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **102.0260, -12.8308, 8.7472**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2020, 13.7044, -8.9472**, and **40.3330, 11.6678, -9.0620** is the 20% darker color. If you saturate the color by 10%, you get **77.9890, 16.7674, -11.3914**, and if you desaturate by 10%, it is **93.9590, 8.8942, -6.1030**.

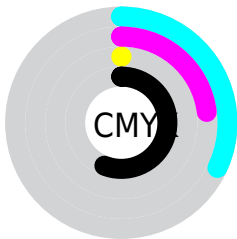
Distribution



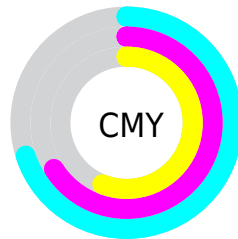
- Red (30%)
- Green (34%)
- Blue (44%)



- Red (30%)
- Yellow (33%)
- Blue (44%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9740, 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 85.9740, 12.8308, -8.7472 by changing the saturation by 10% instead.

■ 85.9740, 12.8308,
-8.7472

■ 85.9740, 12.8308,
-8.7472

■ 255.0000, 0.0000,
0.0000

■ 62.5610, 12.5414,
-9.2620

■ 136.2020, 13.7044,
-8.9472

■ 40.3330, 11.6678,
-9.0620

■ 162.3160, 14.1412,
-9.0471

■ 19.2080, 11.2365,
-10.7064

■ 189.4300, 14.5780,
-9.1471

■ 2.9810, 8.8834,
-2.6143

■ 217.4300, 14.5780,
-9.1471

■ 0.0000, 0.0000,
0.0000

■ 243.1500, 5.8421,
-7.1475

■ 85.9740, 12.8308,
-8.7472

■ 85.9740, 12.8308,
-8.7472

■ 77.9890, 16.7674,
-11.3914

■ 93.9590, 8.8942,
-6.1030

■ 70.0040, 20.7040,
-14.0355

■ 101.9440, 4.9576,
-3.4589

■ 61.7200, 24.7880,
-17.2944

■ 110.2280, 0.8736,
-0.2000

■ 53.7350, 28.7246,
-19.9386

■ 118.2130, -3.0630,
2.4442

■ 45.7500, 32.6613,
-22.5828

■ 126.1980, -6.9996,
5.0884

■ 37.1780, 36.8872,
-24.7121

■ 134.7700,
-11.2256, 7.2177

■ 30.9650, 39.9503,
-27.1563

■ 142.7550,
-15.1622, 9.8619

■ 151.0390,

-19.2462, 13.1208

■ 159.0240,
-23.1828, 15.7650

Harmonies

Analogous

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



82.8260, 13.8898, -21.7724



85.9740, 12.8308, -8.7472



87.7370, 9.0037, 5.4927

Triad

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



85.9740, 12.8308, -8.7472



87.5420, -8.6482, 20.5727



81.9070, -2.4192, -17.4584

Complementary

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



85.9740, 12.8308, -8.7472



102.0260, -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.



83.9640, -8.8563, -6.1074



85.9740, 12.8308, -8.7472



86.2980, -11.9789, 15.5247

Square

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



85.9740, 12.8308, -8.7472



88.3340, -3.1227, 21.6321



85.1180, -12.3832, 5.1585



80.3880, 4.7387, -26.6503

Rectangle

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



85.9740, 12.8308, -8.7472



88.5700, 5.6350, 12.6551



85.1180, -12.3832, 5.1585



82.3590, -4.6140, -13.4698

Sweetspot

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



85.9740, 12.8308, -8.7472



134.9440, 4.9576, -3.4589



100.0960, 0.9387, -21.1322



67.7870, 3.0630, -2.4442



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



85.9740, 12.8308, -8.7472



104.1890, 20.1198, -13.3208



82.4960, 14.5455, 1.3190



51.8580, 2.0420, -1.6295



33.0510, 42.8659, -28.9857



68.6610, 87.9211, -60.2157

Inverse Universe

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



87.9040, -0.9387, 21.1322



107.4540, -1.7028, 32.9278



105.5040, -14.5455, -1.3190



52.0220, -0.0108, 3.4887



39.6420, -3.2745, 70.4740



81.7190, -6.2705, 144.9514

Previews

White Background



This preview shows how the YUV color 85.9740, 12.8308, -8.7472 looks on a white 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

Black Background



This preview shows how the YUV color 85.9740, 12.8308, -8.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

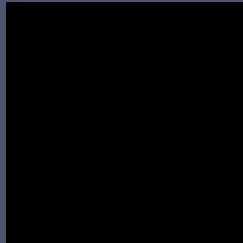
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

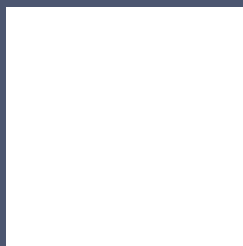
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.9740, 12.8308, -8.7472

Background



This preview shows how black text looks on a background with the YUV color 85.9740, 12.8308, -8.7472.



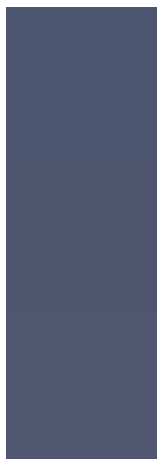
This preview shows how white text looks on a background with the YUV color 85.9740, 12.8308,

-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

85.9740, 12.8308, -8.7472

Protanopia

86.1700, 12.2412, -6.2881

Deuteranopia

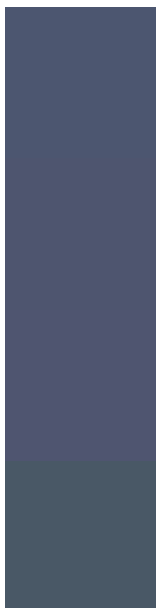
86.5830, 12.5306, -5.7733



Tritanopia

84.7150, 5.5635, -11.1511

Trichromacy



Original Color

85.9740, 12.8308, -8.7472

Protanomaly

85.8710, 12.3886, -6.9029

Deuteranomaly

86.2840, 12.6780, -6.3881

Tritanomaly

85.1110, 8.3263, -10.6213

Monochromacy



Original Color

85.9740, 12.8308, -8.7472

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9740, 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(76, 86, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 86, 112)  
}
```

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(76, 86, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 86, 112) }
```

Border

The CSS property to change the border of an element to YUV 85.9740, 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(76, 86, 112) }
```


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

```
.border{ border-color:rgb(76, 86, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 86, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 86, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 86, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 86,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 85.9740, 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(76, 86, 112) }
```

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

```
.background{ background-color: rgb(76, 86,  
112) }
```

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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