

Converting Colors

YUV(95.9740, 12.8308, -8.7472)

Have a look what the booklet for
YUV(95.9740, 12.8308, -8.7472)
contains.

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Color

**YUV(95.9740, 12.8308,
-8.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	56607A
RGB	86, 96, 122
RGB Percent	34%, 38%, 48%
CMY	0.6627, 0.6235, 0.5216
CMYK	0.30, 0.21, 0.00, 0.52
HSL	223°, 17%, 41%
HSV	223°, 30%, 48%
XYZ	11.5335, 11.7493, 20.0723
YIQ	95.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

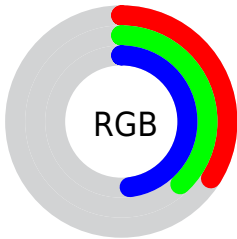
Format	Color
R _Y B	86, 94, 122
Decimal	5660794
CIE Lab	40.81, 2.65, -15.87
CIE LCh	41, 16.089, 279.471
Yxy	11.7493, 0.2660, 0.2710
Android (android.graphics.Color)	4283850874 (0xFF56607A)
YUV	95.9740, 12.8308, -8.7472
Hunter-Lab	34.2773, 0.0757, -10.7253

Details

The YUV color **95.9740, 12.8308, -8.7472** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.0260, -12.8308, 8.7472**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5010, 13.5570, -8.3324**, and **49.3330, 11.6678, -9.0620** is the 20% darker color. If you saturate the color by 10%, you get **87.1030, 17.2042, -11.4913**, and if you desaturate by 10%, it is **104.8450, 8.4574, -6.0031**.

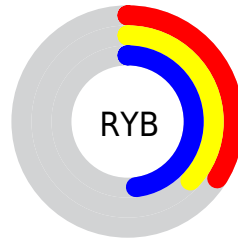
Distribution



Red (34%)

Green (38%)

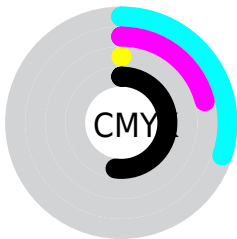
Blue (48%)



Red (34%)

Yellow (37%)

Blue (48%)

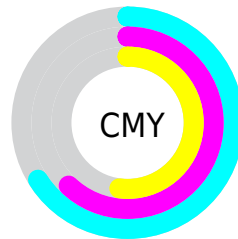


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9740, 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 95.9740, 12.8308, -8.7472 by changing the saturation by 10% instead.

■ 95.9740, 12.8308,
-8.7472

■ 95.9740, 12.8308,
-8.7472

■ 255.0000, 0.0000,
0.0000

■ 71.8600, 12.3940,
-8.6472

■ 146.5010, 13.5570,
-8.3324

■ 49.3330, 11.6678,
-9.0620

■ 173.3160, 14.1412,
-9.0471

■ 27.9200, 11.3784,
-9.5768

■ 200.4300, 14.5780,
-9.1471

■ 4.5940, 12.5252,
-4.0289

■ 228.0880, 13.2676,
-8.8472

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,
-4.9182

■ 95.9740, 12.8308,
-8.7472

■ 95.9740, 12.8308,
-8.7472

■ 87.1030, 17.2042,
-11.4913

■ 104.8450, 8.4574,
-6.0031

■ 78.2320, 21.5776,
-14.2355

■ 113.7160, 4.0840,
-3.2589

■ 69.6490, 25.8090,
-18.1092

■ 122.2990, -0.1474,
0.6148

■ 60.7780, 30.1824,
-20.8533

■ 131.1700, -4.5208,
3.3589

■ 51.9070, 34.5558,
-23.5974

■ 140.0410, -8.8942,
6.1030

■ 43.0360, 38.9293,
-26.3416

■ 148.9120,
-13.2676, 8.8472

■ 34.1650, 43.3027,
-29.0857

■ 157.7830,
-17.6410, 11.5913

■ 33.8660, 43.4501,

■ 166.3660,

-29.7005

-21.8724, 15.4650

■ 175.2370,
-26.2458, 18.2092

Harmonies

Analogous

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



93.1250, 13.7424, -21.1576



95.9740, 12.8308, -8.7472



97.8510, 9.4405, 5.3927

Triad

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



95.9740, 12.8308, -8.7472



97.2540, -8.5062, 21.7022



91.9070, -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.



95.9740, 12.8308, -8.7472



112.0260, -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.



93.3770, -8.5669, -5.5926



95.9740, 12.8308, -8.7472



96.2980, -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.



95.9740, 12.8308, -8.7472



98.3340, -3.1227, 21.6321



95.4170, -12.5306, 5.7733



90.6870, 4.5913, -26.0355

Rectangle

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



95.9740, 12.8308, -8.7472



98.5700, 5.6350, 12.6551



95.4170, -12.5306, 5.7733



92.2450, -5.0508, -13.3699

Sweetspot

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



95.9740, 12.8308, -8.7472



147.9440, 4.9576, -3.4589



110.0960, 0.9387, -21.1322



72.7870, 3.0630, -2.4442



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.9740, 12.8308, -8.7472



118.0750, 19.6830, -13.2208



92.4960, 14.5455, 1.3190



56.8580, 2.0420, -1.6295



34.7950, 44.4711, -30.5152



69.8180, 89.8157, -61.2304

Inverse Universe

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



97.9040, -0.9387, 21.1322



121.1550, -1.5554, 32.3131



115.5040, -14.5455, -1.3190



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Previews

White Background



This preview shows how the YUV color 95.9740, 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 × Fail

Black Background



This preview shows how the YUV color 95.9740, 12.8308, -8.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

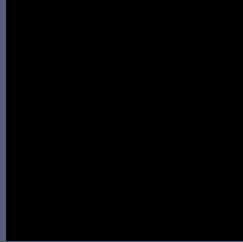
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

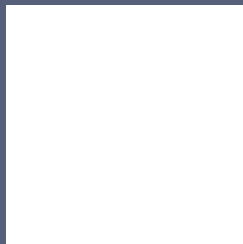
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.9740, 12.8308, -8.7472

Background



This preview shows how black text looks on a background with the YUV color 95.9740, 12.8308, -8.7472.



This preview shows how white text looks on a background with the YUV color 95.9740, 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

95.9740, 12.8308, -8.7472

Protanopia

96.4690, 12.0938, -5.6733

Deuteranopia

96.5940, 12.5252, -4.0289



Tritanopia

95.1280, 5.8529, -10.6363

Trichromacy



Original Color

95.9740, 12.8308, -8.7472

Protanomaly

96.1700, 12.2412, -6.2881

Deuteranomaly

96.5830, 12.5306, -5.7733

Tritanomaly

95.4100, 8.1789, -10.0066

Monochromacy



Original Color

95.9740, 12.8308, -8.7472

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9740, 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(86, 96, 122)` looks like.

```
.text, #text, p{  
    color:rgb(86, 96, 122)  
}
```

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(86, 96, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 96, 122) }
```

Border

The CSS property to change the border of an element to YUV 95.9740, 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(86, 96, 122) }
```


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

```
.border{ border-color:rgb(86, 96, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 96, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 96, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 96, 122);  
box-shadow:4px 4px 4px 4px rgb(86, 96,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 95.9740, 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(86, 96, 122) }
```

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

```
.background{ background-color: rgb(86, 96,  
122) }
```

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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