

Converting Colors

YUV(97.2370, 7.2782, -1.0848)

Have a look what the booklet for
YUV(97.2370, 7.2782, -1.0848)
contains.

YUV(97.2370, 7.2782, -1.0848)	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(97.2370, 7.2782,
-1.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	605F70
RGB	96, 95, 112
RGB Percent	38%, 37%, 44%
CMY	0.6235, 0.6275, 0.5608
CMYK	0.14, 0.15, 0.00, 0.56
HSL	244°, 8%, 41%
HSV	244°, 15%, 44%
XYZ	11.8407, 11.8411, 16.9907
YIQ	97.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

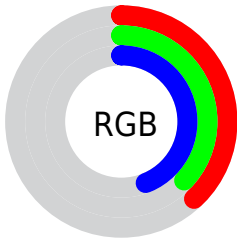
Format	Color
R_{YB}	96, 95, 112
Decimal	6315888
CIE _{Lab}	40.96, 4.19, -9.46
CIE _{LCh}	41, 10.350, 293.883
Yxy	11.8411, 0.2911, 0.2911
Android (android.graphics.Color)	4284505968 (0xFF605F70)
YUV	97.2370, 7.2782, -1.0848
Hunter-Lab	34.4109, 1.2025, -5.1875

Details

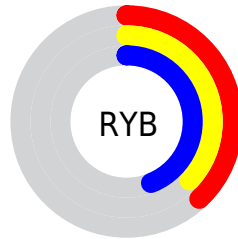
The YUV color **97.2370, 7.2782, -1.0848** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.7630, -7.2782, 1.0848**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7640, 8.0043, -0.6700**, and **51.0090, 6.4046, -0.8849** is the 20% darker color. If you saturate the color by 10%, you get **87.4910, 12.0829, -2.1846**, and if you desaturate by 10%, it is **106.9830, 2.4734, 0.0149**.

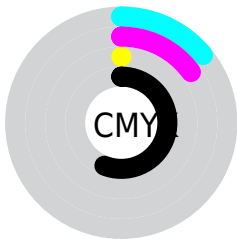
Distribution



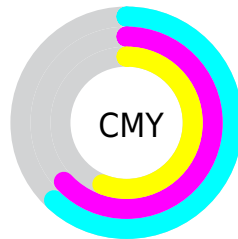
- Red (38%)
- Green (37%)
- Blue (44%)



- Red (38%)
- Yellow (37%)
- Blue (44%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2370, 7.2782, -1.0848 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 97.2370, 7.2782, -1.0848 by changing the saturation by 10% instead.

■ 97.2370, 7.2782,
-1.0848

■ 97.2370, 7.2782,
-1.0848

255.0000, 0.0000,
0.0000

■ 73.2370, 7.2782,
-1.0848

■ 147.7640, 8.0043,
-0.6700

■ 51.0090, 6.4046,
-0.8849

■ 174.4650, 8.1518,
-1.2848

■ 29.5960, 6.1152,
-1.3997

■ 201.8780, 8.4411,
-0.7700

■ 4.2910, 8.7305,
-0.2552

■ 229.8780, 8.4411,
-0.7700

■ 0.0000, 0.0000,
0.0000

■ 97.2370, 7.2782,

■ 97.2370, 7.2782,

-1.0848

■ 87.4910, 12.0829,
-2.1846

■ 78.0440, 16.7403,
-2.6696

■ 67.7110, 21.8345,
-3.2545

■ 58.2640, 26.4918,
-3.7395

■ 48.5180, 31.2966,
-4.8393

■ 39.0710, 35.9540,
-5.3243

■ 29.3250, 40.7588,
-6.4240

■ 19.2910, 45.7055,
-6.3942

-1.0848

■ 106.9830, 2.4734,
0.0149

■ 116.4300, -2.1840,
0.4999

■ 126.7630, -7.2782,
1.0848

■ 136.2100,
-11.9355, 1.5698

■ 145.9560,
-16.7403, 2.6696

■ 155.4030,
-21.3977, 3.1546

■ 165.1490,
-26.2025, 4.2543

■ 175.1830,
-31.1492, 4.2245

■ 14.8610, 47.8895,
-6.8941

■ 184.9290,
-35.9540, 5.3243

Harmonies

Analogous

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



95.8230, 8.4683, -9.4918



97.2370, 7.2782, -1.0848



97.8960, 4.4883, 7.1072

Triad

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



97.2370, 7.2782, -1.0848



97.5410, -7.1687, 12.6805



93.3250, 0.3328, -13.4400

Complementary

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



97.2370, 7.2782, -1.0848



109.7630, -7.2782, 1.0848

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.



94.2180, -4.0515, -7.2072



97.2370, 7.2782, -1.0848



96.2800, -8.0260, 7.6474

Square

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



97.2370, 7.2782, -1.0848



98.0620, -3.9746, 14.8546



95.4640, -7.1308, 0.4701



93.1550, 4.8536, -16.7989

Rectangle

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



97.2370, 7.2782, -1.0848



98.1200, 1.4198, 11.2958



95.4640, -7.1308, 0.4701



93.9940, -0.9830, -11.3957

Sweetspot

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



97.2370, 7.2782, -1.0848



139.0970, 2.9102, -0.0851



106.3300, 2.7953, -9.9364



70.4560, 1.7472, -0.3999



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.



97.2370, 7.2782, -1.0848



122.5620, 11.0619, -1.3699



99.6290, 6.0989, 3.8334



50.9830, 2.4734, 0.0149



15.7730, 51.3839, -7.6939



32.6430, 105.6780, -15.4729

Inverse Universe

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



101.9070, 4.4828, 8.8516



129.6240, 7.0874, 13.4848



107.3710, -6.0989, -3.8334



52.4780, 1.7363, 3.0888



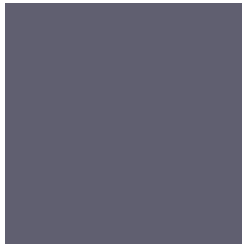
48.7620, 31.6693, 62.4757



100.4150, 65.3644, 128.5550

Previews

White Background



This preview shows how the YUV color 97.2370, 7.2782, -1.0848 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 97.2370, 7.2782, -1.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

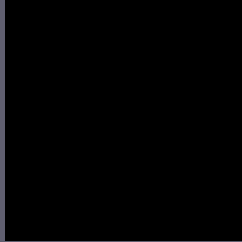
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2370, 7.2782, -1.0848

Background



This preview shows how black text looks on a background with the YUV color 97.2370, 7.2782, -1.0848.



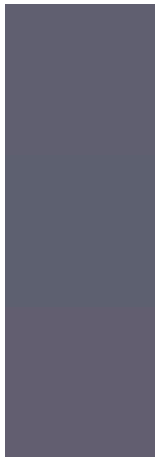
This preview shows how white text looks on a background with the YUV color 97.2370, 7.2782, -1.0848.

-1.0848.

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

97.2370, 7.2782, -1.0848

Protanopia

96.9270, 7.4310, -3.4440

Deuteranopia

97.2480, 7.2727, 0.6595



Tritanopia

96.6130, 3.6418, -1.4146

Trichromacy



Original Color

97.2370, 7.2782, -1.0848

Protanomaly

97.2260, 7.2836, -2.8292

Deuteranomaly

96.9490, 7.4201, 0.0447

Tritanomaly

96.9550, 4.9522, -1.7145

Monochromacy



Original Color

97.2370, 7.2782, -1.0848

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2370, 7.2782, -1.0848 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(96, 95, 112)` looks like.

```
.text, #text, p{  
    color:rgb(96, 95, 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(96, 95, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 95, 112) }
```

Border

The CSS property to change the border of an element to YUV 97.2370, 7.2782, -1.0848 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(96, 95, 112) }
```


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

```
.border{ border-color:rgb(96, 95, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 95, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 95, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 95, 112);  
box-shadow:4px 4px 4px 4px rgb(96, 95,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 97.2370, 7.2782, -1.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 95, 112) }
```

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

```
.background{ background-color: rgb(96, 95,  
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](#).

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