

Converting Colors

YUV(103.7630, -3.8272,
14.2398)

Have a look what the booklet for
YUV(103.7630, -3.8272, 14.2398)
contains.

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Color

**YUV(103.7630, -3.8272,
14.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	786160
RGB	120, 97, 96
RGB Percent	47%, 38%, 38%
CMY	0.5294, 0.6196, 0.6235
CMYK	0.00, 0.19, 0.20, 0.53
HSL	2°, 11%, 42%
HSV	2°, 20%, 47%
XYZ	14.1317, 13.3870, 12.9055
YIQ	103.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

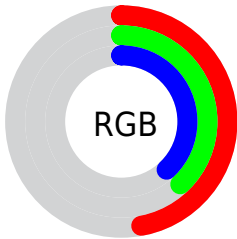
Format	Color
R_{YB}	120, 97, 96
Decimal	7889248
CIE Lab	43.34, 9.11, 4.07
CIE LCh	43, 9.973, 24.077
Yxy	13.3870, 0.3496, 0.3312
Android (android.graphics.Color)	4286079328 (0xFF786160)
YUV	103.7630, -3.8272, 14.2398
Hunter-Lab	36.5882, 4.9140, 4.6989

Details

The YUV color **103.7630, -3.8272, 14.2398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.2370, 3.8272, -14.2398**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2470, -4.5588, 15.5694**, and **56.8660, -3.3849, 12.3955** is the 20% darker color. If you saturate the color by 10%, you get **95.3510, -5.5960, 21.6172**, and if you desaturate by 10%, it is **111.5880, -1.7689, 7.3773**.

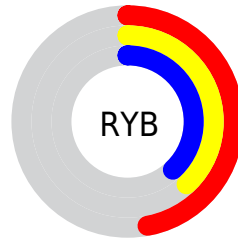
Distribution



Red (47%)

Green (38%)

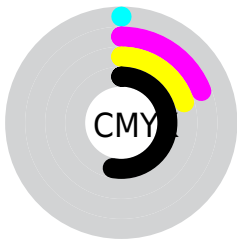
Blue (38%)



Red (47%)

Yellow (38%)

Blue (38%)

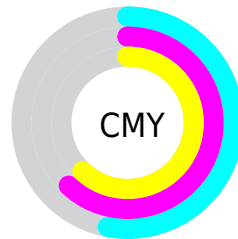


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7630, -3.8272, 14.2398 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 103.7630, -3.8272, 14.2398 by changing the saturation by 10% instead.

■ 103.7630, -3.8272,
14.2398

■ 103.7630, -3.8272,
14.2398

255.0000, 0.0000,
0.0000

■ 79.4640, -3.6798,
13.6251

■ 155.2470, -4.5588,
15.5694

■ 56.8660, -3.3849,
12.3955

■ 181.6600, -4.2694,
16.0842

■ 34.6810, -2.8007,
11.6808

■ 209.5460, -4.7062,
16.1842

■ 11.9480, -4.4114,
14.9546

■ 237.2470, -4.5588,
15.5694

■ 0.0000, 0.0000,
0.0000

■ 103.7630, -3.8272,

■ 103.7630, -3.8272,

14.2398

14.2398

■ 95.3510, -5.5960,
21.6172

■ 111.5880, -1.7689,
7.3773

■ 87.5260, -7.6543,
28.4797

■ 120.0000, 0.0000,
0.0000

■ 79.1140, -9.4232,
35.8570

■ 128.4120, 1.7689,
-7.3773

■ 71.2890, -11.4815,
42.7195

■ 136.2370, 3.8272,
-14.2398

■ 62.8770, -13.2504,
50.0969

■ 144.6490, 5.5960,
-21.6172

■ 55.0520, -15.3086,
56.9594

■ 152.4740, 7.6543,
-28.4797

■ 46.6400, -17.0775,
64.3367

■ 160.8860, 9.4232,
-35.8570

■ 38.8150, -19.1358,
71.1992

■ 168.7110, 11.4815,
-42.7195

■ 176.5360, 13.5398,
-49.5821

Harmonies

Analogous

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



104.0770, -0.0380, 12.2105



103.7630, -3.8272, 14.2398



103.2420, -7.0213, 12.0658

Triad

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



103.7630, -3.8272, 14.2398



100.3320, -3.6147, -7.3072



101.8230, 8.4683, -9.4918

Complementary

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



103.7630, -3.8272, 14.2398



112.2370, 3.8272, -14.2398

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.



100.4480, 7.1741, -14.4249



103.7630, -3.8272, 14.2398



99.6240, 0.1854, -12.8252

Square

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



103.7630, -3.8272, 14.2398



101.4640, -7.1308, 0.4701



99.4540, 4.7062, -16.1842



103.1230, 6.8414, -0.9849

Rectangle

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



103.7630, -3.8272, 14.2398



102.4050, -7.5947, 9.2918



99.4540, 4.7062, -16.1842



100.8120, 8.4737, -11.2361

Sweetspot

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



103.7630, -3.8272, 14.2398



149.5770, -1.7635, 5.6330



105.7980, 6.5086, 12.4552



75.4950, -0.7370, 3.0739



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.



103.7630, -3.8272, 14.2398



130.5360, -6.1802, 22.3319



110.8070, -7.2999, 8.0623



56.7940, -0.8844, 3.6887



40.3100, -19.8728, 74.2731



81.8050, -40.3299, 149.2610

Inverse Universe

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



112.2370, 3.8272, -14.2398



143.4640, 6.1802, -22.3319



105.1930, 7.2999, -8.0623



59.2060, 0.8844, -3.6887



84.6900, 19.8728, -74.2731



170.7820, 40.0405, -149.7758

Previews

White Background



This preview shows how the YUV color 103.7630, -3.8272, 14.2398 looks on a white background.

Color Contrast Check

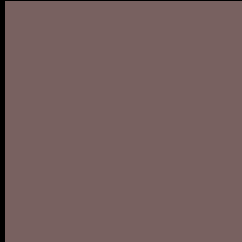
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7630, -3.8272, 14.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

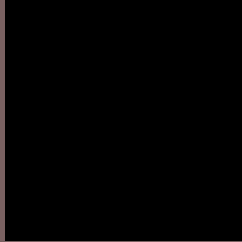
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7630, -3.8272, 14.2398

Background



This preview shows how black text looks on a background with the YUV color 103.7630, -3.8272, 14.2398.



This preview shows how white text looks on a background with the YUV color 103.7630, -3.8272,

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

103.7630, -3.8272, 14.2398

Protanopia

102.5550, -1.7526, 2.1443

Deuteranopia

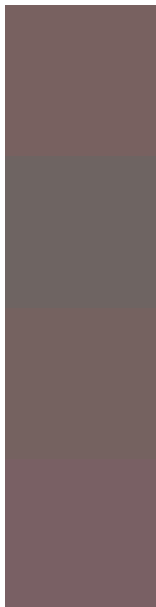
103.4420, -3.6689, 10.1364



Tritanopia

104.2730, -0.6276, 14.6696

Trichromacy



Original Color

103.7630, -3.8272, 14.2398

Protanomaly

102.7620, -2.3477, 6.3477

Deuteranomaly

103.4530, -3.6743, 11.8807

Tritanomaly

103.9310, -1.9380, 14.9695

Monochromacy



Original Color

103.7630, -3.8272, 14.2398

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7630, -3.8272, 14.2398 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(120, 97, 96)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 96)  
}
```

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(120, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 96) }
```

Border

The CSS property to change the border of an element to YUV 103.7630, -3.8272, 14.2398 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(120, 97, 96) }
```


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

```
.border{ border-color:rgb(120, 97, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 97, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(120, 97,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 103.7630, -3.8272, 14.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 96) }
```

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

```
.background{ background-color: rgb(120, 97,  
96) }
```

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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