

Converting Colors

YUV(120.8710, -4.3734, 2.7441)

Have a look what the booklet for
YUV(120.8710, -4.3734, 2.7441)
contains.

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Color

**YUV(120.8710, -4.3734,
2.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7970
RGB	124, 121, 112
RGB Percent	49%, 47%, 44%
CMY	0.5137, 0.5255, 0.5608
CMYK	0.00, 0.02, 0.10, 0.51
HSL	45°, 5%, 46%
HSV	45°, 10%, 49%
XYZ	18.0742, 19.1297, 18.0690
YIQ	120.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

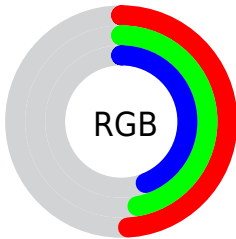
Format	Color
R_{YB}	116, 124, 112
Decimal	8157552
CIE Lab	50.84, -0.57, 5.33
CIE LCh	51, 5.363, 96.118
Yxy	19.1297, 0.3270, 0.3461
Android (android.graphics.Color)	4286347632 (0xFF7C7970)
YUV	120.8710, -4.3734, 2.7441
Hunter-Lab	43.7375, -2.7769, 6.1221

Details

The YUV color $120.8710, -4.3734, 2.7441$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $115.1290, 4.3734, -2.7441$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.1700, -4.5208, 3.3589$, and $72.5720, -4.2260, 2.1294$ is the 20% darker color. If you saturate the color by 10%, you get $117.7420, -8.7468, 5.4883$, and if you desaturate by 10%, it is $124.0000, 0.0000, 0.0000$.

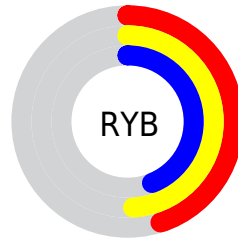
Distribution



Red (49%)

Green (47%)

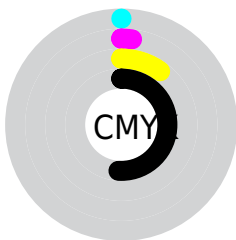
Blue (44%)



Red (45%)

Yellow (49%)

Blue (44%)

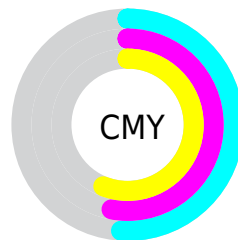


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8710, -4.3734, 2.7441 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 120.8710, -4.3734, 2.7441 by changing the saturation by 10% instead.

■ 120.8710, -4.3734,
2.7441

■ 120.8710, -4.3734,
2.7441

■ 255.0000, 0.0000,
0.0000

■ 95.9850, -3.9366,
2.6442

■ 173.1700, -4.5208,
3.3589

■ 72.5720, -4.2260,
2.1294

■ 200.7570, -4.8102,
2.8441

■ 49.9850, -3.9366,
2.6442

■ 228.7570, -4.8102,
2.8441

■ 28.8000, -3.3524,
1.9294

■ 254.0880, -3.4944,
0.7998

■ 2.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.8710, -4.3734,
2.7441

■ 120.8710, -4.3734,
2.7441

■ 117.7420, -8.7468,
5.4883

■ 124.0000, 0.0000,
0.0000

■ 114.4990,
-13.5570, 8.3324

■ 127.2430, 4.8102,
-2.8441

■ 111.3700,
-17.9304, 11.0765

■ 130.3720, 9.1836,
-5.5882

■ 108.1270,
-22.7406, 13.9206

■ 133.6150, 13.9938,
-8.4324

■ 104.4110,
-26.8246, 17.1796

■ 137.3310, 18.0778,
-11.6913

■ 101.2820,
-31.1980, 19.9237

■ 140.4600, 22.4512,
-14.4354

■ 98.0390, -36.0082,
22.7678

■ 143.7030, 27.2614,
-17.2795

■ 94.9100, -40.3816,

■ 146.8320, 31.6348,

25.5119

-20.0237

■ 91.6670, -45.1918,
28.3560

■ 150.0750, 36.4450,
-22.8678

Harmonies

Analogous

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



121.5940, -4.2368, 5.6181



120.8710, -4.3734, 2.7441



120.1910, -3.0522, -1.0445

Triad

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



120.8710, -4.3734, 2.7441



120.0420, 2.9373, -8.8068



121.7880, 1.5835, 5.4479

Complementary

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



120.8710, -4.3734, 2.7441



115.1290, 4.3734, -2.7441

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.



121.8090, 3.0522, 1.0445



120.8710, -4.3734, 2.7441



120.6940, 4.0949, -6.7476

Square

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



120.8710, -4.3734, 2.7441



119.8850, 1.0427, -7.7921



121.1290, 4.3734, -2.7441



122.1150, -1.0427, 7.7921

Rectangle

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



120.8710, -4.3734, 2.7441



119.8100, -1.8783, -4.2184



121.1290, 4.3734, -2.7441



122.1900, 1.8783, 4.2184

Sweetspot

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



120.8710, -4.3734, 2.7441



159.2560, -1.6052, 1.5295



115.9300, -0.4585, 7.0774



80.9570, -1.4578, 0.9147



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



120.8710, -4.3734, 2.7441



155.7850, -7.2890, 4.5736



121.7350, -4.7994, -0.6446



59.7290, -2.3314, 1.1147



92.5530, -45.6286, 28.4560



186.2910, -91.8415, 57.6268

Inverse Universe

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



115.1290, 4.3734, -2.7441



146.2150, 7.2890, -4.5736



114.2650, 4.7994, 0.6446



56.8580, 2.0420, -1.6295



32.4470, 45.6286, -28.4560



65.7090, 91.8415, -57.6268

Previews

White Background



This preview shows how the YUV color 120.8710, -4.3734, 2.7441 looks on a white 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

Black Background



This preview shows how the YUV color 120.8710, -4.3734, 2.7441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

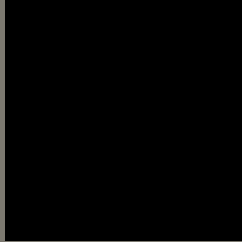
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8710, -4.3734, 2.7441

Background



This preview shows how black text looks on a background with the YUV color 120.8710, -4.3734, 2.7441.



This preview shows how white text looks on a background with the YUV color 120.8710, -4.3734,

2.7441.

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

120.8710, -4.3734, 2.7441

Protanopia

121.1700, -4.5208, 3.3589

Deuteranopia

122.2250, -4.5479, 12.0807



Tritanopia

122.1190, 2.8993, 3.4036

Trichromacy



Original Color

120.8710, -4.3734, 2.7441

Protanomaly

121.1700, -4.5208, 3.3589

Deuteranomaly

121.6160, -4.2477, 9.1068

Tritanomaly

121.7230, 0.1366, 2.8739

Monochromacy



Original Color

120.8710, -4.3734, 2.7441

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8710, -4.3734, 2.7441 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(124, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 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(124, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 112) }
```

Border

The CSS property to change the border of an element to YUV 120.8710, -4.3734, 2.7441 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(124, 121, 112) }
```


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

```
.border{ border-color:rgb(124, 121, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 120.8710, -4.3734, 2.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 112) }
```

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

```
.background{ background-color: rgb(124,  
121, 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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