

Converting Colors

YUV(127.8100, -1.8783, -4.2184)

Have a look what the booklet for
YUV(127.8100, -1.8783, -4.2184)
contains.

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Color

**YUV(127.8100, -1.8783,
-4.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	7B837C
RGB	123, 131, 124
RGB Percent	48%, 51%, 49%
CMY	0.5176, 0.4863, 0.5137
CMYK	0.06, 0.00, 0.05, 0.49
HSL	128°, 3%, 50%
HSV	128°, 6%, 51%
XYZ	19.9228, 21.8988, 22.2456
YIQ	127.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

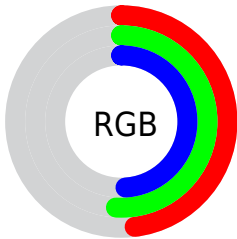
Format	Color
R_{YB}	123, 130, 131
Decimal	8094588
CIE Lab	53.92, -4.37, 2.76
CIE LCh	54, 5.163, 147.730
Yxy	21.8988, 0.3110, 0.3418
Android (android.graphics.Color)	4286284668 (0xFF7B837C)
YUV	127.8100, -1.8783, -4.2184
Hunter-Lab	46.7961, -5.8995, 4.5724

Details

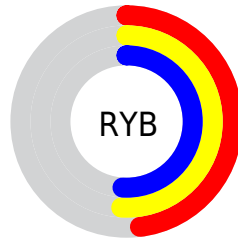
The YUV color $127.8100, -1.8783, -4.2184$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $126.1900, 1.8783, 4.2184$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.3970, -2.1677, -4.7332$, and $78.8100, -1.8783, -4.2184$ is the 20% darker color. If you saturate the color by 10%, you get $122.6690, -4.7668, -11.1107$, and if you desaturate by 10%, it is $132.9510, 1.0102, 2.6740$.

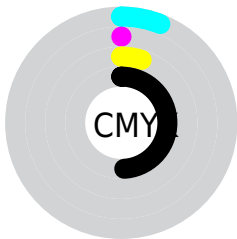
Distribution



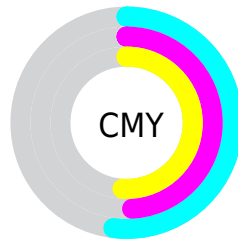
- Red (48%)
- Green (51%)
- Blue (49%)



- Red (48%)
- Yellow (51%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (52%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8100, -1.8783, -4.2184 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 127.8100, -1.8783, -4.2184 by changing the saturation by 10% instead.

■ 127.8100, -1.8783,
-4.2184

■ 127.8100, -1.8783,
-4.2184

■ 255.0000, 0.0000,
0.0000

■ 102.8100, -1.8783,
-4.2184

■ 180.3970, -2.1677,
-4.7332

■ 78.8100, -1.8783,
-4.2184

■ 208.3970, -2.1677,
-4.7332

■ 56.2230, -1.5889,
-3.7036

■ 236.3970, -2.1677,
-4.7332

■ 34.5220, -1.7363,
-3.0888

■ 11.9840, -2.4571,
-5.2480

■ 0.0000, 0.0000,
0.0000

■ 127.8100, -1.8783,
-4.2184

■ 127.8100, -1.8783,
-4.2184

■ 122.6690, -4.7668,
-11.1107

■ 132.9510, 1.0102,
2.6740

■ 117.4140, -8.0921,
-17.9031

■ 138.2060, 4.3354,
9.4663

■ 112.2730,
-10.9806, -24.7954

■ 143.3470, 7.2239,
16.3587

■ 107.0180,
-14.3059, -31.5878

■ 148.6020, 10.5492,
23.1510

■ 101.8770,
-17.1944, -38.4801

■ 154.0420, 13.2903,
30.6582

■ 96.3230, -20.3722,
-45.8873

■ 159.2970, 16.6156,
37.4505

■ 91.1820, -23.2607,
-52.7796


■ 164.4380, 19.5041,
44.3429

■ 85.9270, -26.5860,

■ 169.6930, 22.8294,

-59.5720

51.1352

 80.7860, -29.4745,
-66.4643

 174.8340, 25.7178,
58.0276

Harmonies

Analogous

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



128.3760, -3.6364, -0.3298



127.8100, -1.8783, -4.2184



127.6570, 0.1691, -7.5922

Triad

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



127.8100, -1.8783, -4.2184



128.5310, 4.6682, -3.9737



129.7730, -2.3531, 8.0921

Complementary

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



127.8100, -1.8783, -4.2184



126.1900, 1.8783, 4.2184

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.



129.9300, -0.4585, 7.0774



127.8100, -1.8783, -4.2184



129.3250, 3.7838, -0.2850

Square

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



127.8100, -1.8783, -4.2184



128.2810, 3.8055, -7.2624



130.1900, 1.8783, 4.2184



129.3060, -4.0949, 6.7476

Rectangle

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



127.8100, -1.8783, -4.2184



127.7000, 1.6269, -8.5069



130.1900, 1.8783, 4.2184



129.8870, -1.9163, 7.9921

Sweetspot

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



127.8100, -1.8783, -4.2184



169.4620, -0.7208, -2.1592



129.7890, -3.3470, 0.1850



86.1740, -0.5788, -1.0296



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



127.8100, -1.8783, -4.2184



166.1580, -3.0359, -6.2776



128.2660, -0.1311, -4.6183



64.0490, -1.0102, -2.6740



78.1340, -30.6321, -68.5235



1.7610, -0.8682, -1.5444

Inverse Universe

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



126.1900, 1.8783, 4.2184



163.7280, 2.5991, 6.3775



125.7340, 0.1311, 4.6183



63.0650, 1.4470, 2.5740



51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 127.8100, -1.8783, -4.2184 looks on a white background.

Color Contrast Check

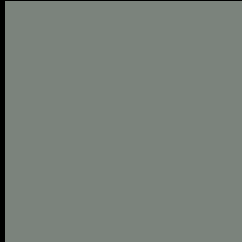
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8100, -1.8783, -4.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

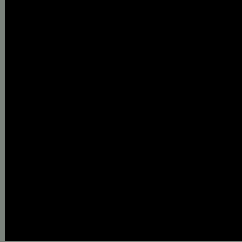
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

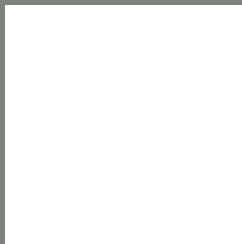
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.8100, -1.8783, -4.2184

Background



This preview shows how black text looks on a background with the YUV color 127.8100, -1.8783, -4.2184.



This preview shows how white text looks on a background with the YUV color 127.8100, -1.8783, -4.2184.

-4.2184.

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

127.8100, -1.8783, -4.2184

Protanopia

128.5120, -3.2104, 3.0590

Deuteranopia

129.4960, -2.2165, 10.9660



Tritanopia

128.9440, 4.9576, -3.4589

Trichromacy



Original Color

127.8100, -1.8783, -4.2184

Protanomaly

128.3160, -2.6208, 0.5999

Deuteranomaly

129.1640, -2.0529, 5.1182

Tritanomaly

128.6620, 2.6316, -4.0886

Monochromacy



Original Color

127.8100, -1.8783, -4.2184

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8100, -1.8783, -4.2184 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(123, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 124)  
}
```

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(123, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 124) }
```

Border

The CSS property to change the border of an element to YUV 127.8100, -1.8783, -4.2184 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(123, 131, 124) }
```


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

```
.border{ border-color:rgb(123, 131, 124) }
```

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

Here you see how a box with a 4 pixel rgb(123, 131, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 127.8100, -1.8783, -4.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 124) }
```

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

```
.background{ background-color: rgb(123,  
131, 124) }
```

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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