

Converting Colors

YUV(127.1750, 14.7037,
-2.7845)

Have a look what the booklet for
YUV(127.1750, 14.7037, -2.7845)
contains.

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Color

**YUV(127.1750, 14.7037,
-2.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7B9D
RGB	124, 123, 157
RGB Percent	49%, 48%, 62%
CMY	0.5137, 0.5176, 0.3843
CMYK	0.21, 0.22, 0.00, 0.38
HSL	242°, 15%, 55%
HSV	242°, 22%, 62%
XYZ	21.4809, 20.8853, 34.7974
YIQ	127.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

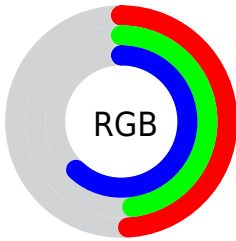
Format	Color
R_{YB}	124, 123, 157
Decimal	8158109
CIE _{Lab}	52.82, 7.91, -18.08
CIE _{LCh}	53, 19.731, 293.625
Yxy	20.8853, 0.2784, 0.2707
Android (android.graphics.Color)	4286348189 (0xFF7C7B9D)
YUV	127.1750, 14.7037, -2.7845
Hunter-Lab	45.7005, 3.9259, -13.1545

Details

The YUV color $127.1750, 14.7037, -2.7845$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $152.8250, -14.7037, 2.7845$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.8160, 15.8667, -2.4696$, and $77.6480, 13.9775, -3.1993$ is the 20% darker color. If you saturate the color by 10%, you get $113.2980, 21.5451, -3.7693$, and if you desaturate by 10%, it is $141.0520, 7.8624, -1.7996$.

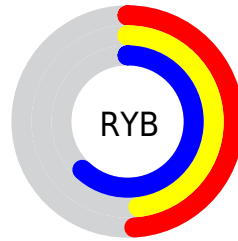
Distribution



Red (49%)

Green (48%)

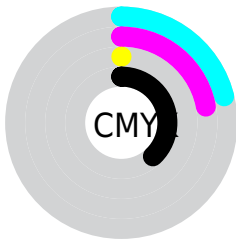
Blue (62%)



Red (49%)

Yellow (48%)

Blue (62%)

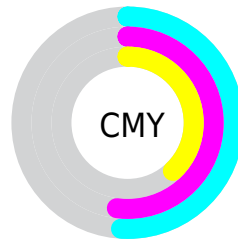


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1750, 14.7037, -2.7845 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 127.1750, 14.7037, -2.7845 by changing the saturation by 10% instead.

■ 127.1750, 14.7037,
-2.7845

■ 127.1750, 14.7037,
-2.7845

■ 255.0000, 0.0000,
0.0000

■ 102.0610, 14.2669,
-2.6845

■ 179.8160, 15.8667,
-2.4696

■ 77.6480, 13.9775,
-3.1993

■ 207.8160, 15.8667,
-2.4696

■ 55.0070, 12.8145,
-3.5141

■ 234.3340, 10.1883,
-1.1699

■ 33.4800, 12.0884,
-3.9290

■ 10.1320, 13.2459,
-1.8698

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 127.1750, 14.7037,
-2.7845

■ 127.1750, 14.7037,
-2.7845

■ 113.2980, 21.5451,
-3.7693

■ 141.0520, 7.8624,
-1.7996

■ 100.0080, 28.0971,
-5.2690

■ 154.3420, 1.3104,
-0.2999

■ 85.8320, 35.0858,
-6.8687

■ 168.5180, -5.6784,
1.2997

■ 71.9550, 41.9272,
-7.8535

■ 182.3950,
-12.5197, 2.2846

■ 58.0780, 48.7685,
-8.8384

■ 196.2720,
-19.3611, 3.2695

■ 44.7880, 55.3205,
-10.3381

■ 209.5620,
-25.9131, 4.7691

■ 30.6120, 62.3093,
-11.9377

■ 223.7380,
-32.9018, 6.3688

■ 19.3930, 67.8403,
-12.6227

■ 237.6150,
-39.7432, 7.3536

■ 243.8280,
-42.8062, 9.7978

Harmonies

Analogous

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



123.7490, 17.3787, -20.8279



127.1750, 14.7037, -2.7845



128.3790, 8.6872, 13.6996

Triad

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



127.1750, 14.7037, -2.7845



126.8970, -13.7532, 24.6463



119.1660, 1.3972, -28.2096

Complementary

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



127.1750, 14.7037, -2.7845



152.8250, -14.7037, 2.7845

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.



121.5500, -7.6661, -14.5143



127.1750, 14.7037, -2.7845



125.8480, -16.1941, 14.1653

Square

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



127.1750, 14.7037, -2.7845



127.9390, -7.3649, 28.9945



123.6290, -14.1141, 0.3254



118.1140, 10.2968, -36.0570

Rectangle

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



127.1750, 14.7037, -2.7845



129.0550, 3.4239, 21.8768



123.6290, -14.1141, 0.3254



120.2760, -2.1081, -23.9211

Sweetspot

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



127.1750, 14.7037, -2.7845



193.3680, 5.2416, -1.1997



146.2470, 5.3012, -20.3876



95.7980, 3.0576, -0.6998



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



127.1750, 14.7037, -2.7845



157.6400, 22.8555, -4.0693



132.2580, 12.1978, 7.6667



71.9120, 3.4944, -0.7998



17.4980, 61.8725, -11.8377



1.7100, 6.5520, -1.4997

Inverse Universe

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



136.9280, 9.4025, 17.6031



172.6610, 14.4641, 27.4843



147.7420, -12.1978, -7.6667



74.3040, 2.3151, 4.1184



58.6030, 39.6357, 74.0162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 127.1750, 14.7037, -2.7845 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 127.1750, 14.7037, -2.7845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

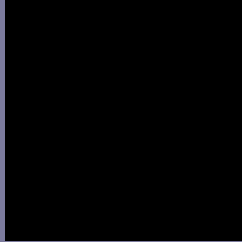
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.1750, 14.7037, -2.7845

Background



This preview shows how black text looks on a background with the YUV color 127.1750, 14.7037, -2.7845.



This preview shows how white text looks on a background with the YUV color 127.1750, 14.7037, -2.7845.

-2.7845.

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

127.1750, 14.7037, -2.7845

Protanopia

126.6690, 15.4462, -7.6027

Deuteranopia

126.5770, 14.9985, -4.0140



Tritanopia

126.0470, 5.3998, -5.3032

Trichromacy



Original Color

127.1750, 14.7037, -2.7845

Protanomaly

126.6800, 15.4408, -5.8584

Deuteranomaly

126.8760, 14.8511, -3.3993

Tritanomaly

126.5570, 8.5994, -4.8735

Monochromacy



Original Color

127.1750, 14.7037, -2.7845

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1750, 14.7037, -2.7845 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, 123, 157)` looks like.

```
.text, #text, p{  
    color:rgb(124, 123, 157)  
}
```

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, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 123, 157) }
```

Border

The CSS property to change the border of an element to YUV 127.1750, 14.7037, -2.7845 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, 123, 157) }
```


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

```
.border{ border-color:rgb(124, 123, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 123, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 123, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 123, 157);  
box-shadow:4px 4px 4px 4px rgb(124, 123,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 127.1750, 14.7037, -2.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 123, 157) }
```

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

```
.background{ background-color: rgb(124,  
123, 157) }
```

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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