

Converting Colors

YUV(116.8080, 7.9827, 6.3074)

Have a look what the booklet for
YUV(116.8080, 7.9827, 6.3074)
contains.

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Color

**YUV(116.8080, 7.9827,
6.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6E85
RGB	124, 110, 133
RGB Percent	49%, 43%, 52%
CMY	0.5137, 0.5686, 0.4784
CMYK	0.07, 0.17, 0.00, 0.48
HSL	277°, 9%, 48%
HSV	277°, 17%, 52%
XYZ	18.1217, 17.1304, 24.5417
YIQ	116.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

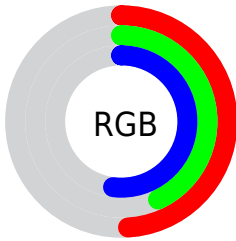
Format	Color
R_{YB}	124, 110, 133
Decimal	8154757
CIE _{Lab}	48.42, 10.09, -10.64
CIE _{LCh}	48, 14.662, 313.477
Yxy	17.1304, 0.3031, 0.2865
Android (android.graphics.Color)	4286344837 (0xFF7C6E85)
YUV	116.8080, 7.9827, 6.3074
Hunter-Lab	41.3889, 5.7240, -6.1840

Details

The YUV color **116.8080, 7.9827, 6.3074** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.1920, -7.9827, -6.3074**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2210, 8.2720, 6.8222**, and **68.2810, 7.2565, 5.8926** is the 20% darker color. If you saturate the color by 10%, you get **107.6820, 12.4818, 9.9259**, and if you desaturate by 10%, it is **125.9340, 3.4835, 2.6889**.

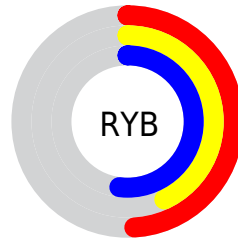
Distribution



Red (49%)

Green (43%)

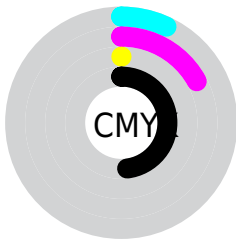
Blue (52%)



Red (49%)

Yellow (43%)

Blue (52%)

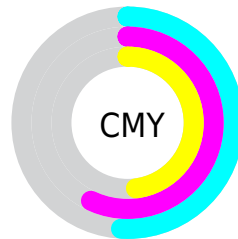


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (51%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8080, 7.9827, 6.3074 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 116.8080, 7.9827, 6.3074 by changing the saturation by 10% instead.

■ 116.8080, 7.9827,
6.3074

■ 116.8080, 7.9827,
6.3074

■ 255.0000, 0.0000,
0.0000

■ 92.3950, 7.6933,
5.7926

■ 169.2210, 8.2720,
6.8222

■ 68.2810, 7.2565,
5.8926

■ 196.3350, 8.7088,
6.7222

■ 45.8680, 6.9671,
5.3778

■ 223.7480, 8.9982,
7.2370

■ 25.4550, 6.6777,
4.8630

■ 249.1300, 2.8939,
5.1480

■ 2.0520, 7.8624,
-1.7996

■ 0.0000, 0.0000,
0.0000

■ 116.8080, 7.9827,
6.3074

■ 116.8080, 7.9827,
6.3074

■ 107.6820, 12.4818,
9.9259

■ 125.9340, 3.4835,
2.6889

■ 97.9690, 17.2703,
14.0592

■ 135.6470, -1.3050,
-1.4444

■ 88.5440, 21.9168,
17.0629

■ 145.0720, -5.9515,
-4.4481

■ 79.4180, 26.4159,
20.6814

■ 154.1980,
-10.4506, -8.0666

■ 70.2920, 30.9150,
24.2999

■ 163.9110,
-15.2391, -12.1999

■ 60.5790, 35.7036,
28.4332

■ 173.0370,
-19.7382, -15.8184

■ 51.4530, 40.2027,
32.0517

■ 182.1630,
-24.2374, -19.4370

■ 42.0280, 44.8492,

■ 191.5880,

35.0554

-28.8839, -22.4407

■ 39.3810, 46.1542,
36.4999

■ 201.3010,
-33.6724, -26.5740

Harmonies

Analogous

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



115.0560, 11.8044, -6.1881



116.8080, 7.9827, 6.3074



117.3810, 2.2772, 16.3289

Triad

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



116.8080, 7.9827, 6.3074



115.4010, -11.5367, 13.6803



109.8120, 5.0227, -24.3911

Complementary

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



116.8080, 7.9827, 6.3074



126.1920, -7.9827, -6.3074

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.



111.1350, -1.5456, -17.6584



116.8080, 7.9827, 6.3074



114.0470, -11.3622, 4.3438

Square

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



116.8080, 7.9827, 6.3074



116.1290, -8.9376, 20.0579



112.3060, -7.5459, -6.4074



110.5930, 10.5537, -25.0761

Rectangle

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



116.8080, 7.9827, 6.3074



117.0780, -1.5175, 20.1026



112.3060, -7.5459, -6.4074



110.2530, 2.8333, -22.1469

Sweetspot

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



116.8080, 7.9827, 6.3074



167.4070, 2.7573, 2.2741



117.9050, 7.4418, -6.9327



82.8800, 2.0312, 1.8592



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.



116.8080, 7.9827, 6.3074



147.6820, 12.4818, 9.9259



119.2710, 5.7824, 12.0403



61.8800, 2.0312, 1.8592



38.4410, 45.1386, 35.5702



0.9400, 1.0156, 0.9296

Inverse Universe

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



117.9030, 0.5408, 13.2401



149.3600, 0.8085, 20.7323



123.7290, -5.7824, -12.0403



62.0220, -0.0108, 3.4887



44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 116.8080, 7.9827, 6.3074 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 116.8080, 7.9827, 6.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

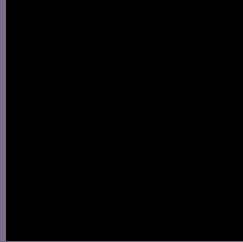
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.8080, 7.9827, 6.3074

Background



This preview shows how black text looks on a background with the YUV color 116.8080, 7.9827, 6.3074.



This preview shows how white text looks on a background with the YUV color 116.8080, 7.9827,

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

116.8080, 7.9827, 6.3074

Protanopia

115.6110, 10.0518, -4.0438

Deuteranopia

116.1880, 8.2883, 1.5891



Tritanopia

116.0160, 2.4571, 5.2480

Trichromacy



Original Color

116.8080, 7.9827, 6.3074

Protanomaly

116.4050, 9.1673, -0.3552

Deuteranomaly

116.1990, 8.2829, 3.3335

Tritanomaly

116.1840, 4.3463, 5.9776

Monochromacy



Original Color

116.8080, 7.9827, 6.3074

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8080, 7.9827, 6.3074 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, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 133)  
}
```

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, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 133) }
```

Border

The CSS property to change the border of an element to YUV 116.8080, 7.9827, 6.3074 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, 110, 133) }
```


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

```
.border{ border-color:rgb(124, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 116.8080, 7.9827, 6.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 133) }
```

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

```
.background{ background-color: rgb(124,  
110, 133) }
```

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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