

Converting Colors

YUV(115.6780, -31.8863,
7.2984)

Have a look what the booklet for
YUV(115.6780, -31.8863, 7.2984)
contains.

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Color

**YUV(115.6780, -31.8863,
7.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7C33
RGB	124, 124, 51
RGB Percent	49%, 49%, 20%
CMY	0.5137, 0.5137, 0.8000
CMYK	0.00, 0.00, 0.59, 0.51
HSL	60°, 42%, 34%
HSV	60°, 59%, 49%
XYZ	16.1174, 18.9394, 5.9382
YIQ	115.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

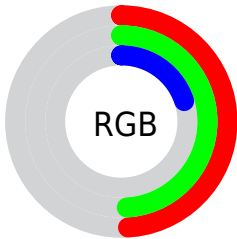
Format	Color
RYB	51, 124, 51
Decimal	8158259
CIELab	50.62, -10.39, 39.01
CIELCh	51, 40.370, 104.912
Yxy	18.9394, 0.3932, 0.4620
Android (android.graphics.Color)	4286348339 (0xFF7C7C33)
YUV	115.6780, -31.8863, 7.2984
Hunter-Lab	43.5194, -10.0517, 22.3736

Details

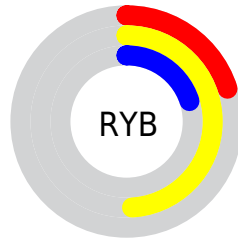
The YUV color **115.6780, -31.8863, 7.2984** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **59.3220, 31.8863, -7.2984**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9340, -33.4915, 8.8279**, and **65.8520, -32.4650, 6.2688** is the 20% darker color. If you saturate the color by 10%, you get **114.3100, -37.1278, 8.4981**, and if you desaturate by 10%, it is **117.0460, -26.6447, 6.0987**.

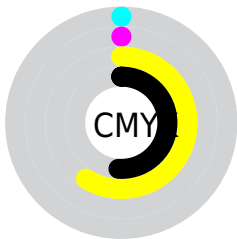
Distribution



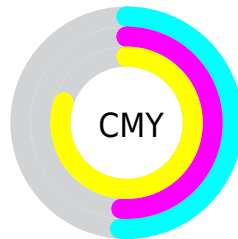
- Red (49%)
- Green (49%)
- Blue (20%)



- Red (20%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6780, -31.8863, 7.2984 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 115.6780, -31.8863, 7.2984 by changing the saturation by 10% instead.

■ 115.6780,
-31.8863, 7.2984

■ 115.6780,
-31.8863, 7.2984

■ 255.0000, 0.0000,
0.0000

■ 90.3790, -31.7388,
6.6836

■ 167.9340,
-33.4915, 8.8279

■ 65.8520, -32.4650,
6.2688

■ 196.0050,
-34.5125, 9.6426

■ 45.7620, -22.5607,
2.8397

■ 223.8910,
-34.9493, 9.7426

■ 25.9600, -12.7983,
-1.7189

■ 246.4500,
-32.7599, 7.4983

■ 2.3480, -1.1576,
-2.0592

■ 249.6420,
-20.5295, 4.6990

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,

1.8996

■ 115.6780,
-31.8863, 7.2984

■ 115.6780,
-31.8863, 7.2984

■ 114.3100,
-37.1278, 8.4981

■ 117.0460,
-26.6447, 6.0987

■ 112.8280,
-42.8062, 9.7978

■ 118.5280,
-20.9663, 4.7989

■ 111.4600,
-48.0478, 10.9976

■ 119.8960,
-15.7247, 3.5992

■ 109.9780,
-53.7262, 12.2973

■ 121.3780,
-10.0464, 2.2995

■ 109.8640,
-54.1630, 12.3973

■ 122.7460, -4.8048,
1.0998

■ 124.1140, 0.4368,
-0.1000

■ 125.5960, 6.1152,
-1.3997

■ 126.9640, 11.3567,
-2.5994

■ 128.4460, 17.0351,
-3.8991

Harmonies

Analogous

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



118.1310, -32.1096, 32.3341



115.6780, -31.8863, 7.2984



110.8790, -20.1533, -22.6959

Triad

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



115.6780, -31.8863, 7.2984



98.9840, 34.0249, -86.8090



123.3490, 7.7159, 45.2979

Complementary

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



115.6780, -31.8863, 7.2984



59.3220, 31.8863, -7.2984

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.



124.2560, 22.0588, 18.1925



115.6780, -31.8863, 7.2984



97.0410, 44.3498, -85.1050

Square

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



115.6780, -31.8863, 7.2984



96.6240, 19.9054, -84.7392



118.3910, 33.8242, -22.2679



121.2890, -8.0305, 55.8745

Rectangle

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



115.6780, -31.8863, 7.2984



105.3410, -7.5631, -47.6571



118.3910, 33.8242, -22.2679



123.9720, 12.8318, 37.7356

Sweetspot

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



115.6780, -31.8863, 7.2984



157.6940, -12.6671, 2.8994



72.8270, -10.7607, 44.8787



79.9480, -7.8624, 1.7996



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.



115.6780, -31.8863, 7.2984



148.0040, -49.7950, 11.3975



104.9140, -26.5796, -14.8336



60.3160, -2.6208, 0.5999



110.7500, -54.5998, 12.4972



223.2720, -110.0731, 25.1945

Inverse Universe

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



59.3220, 31.8863, -7.2984



59.9960, 49.7950, -11.3975



70.3850, 26.4322, 15.4484



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Previews

White Background



This preview shows how the YUV color 115.6780, -31.8863, 7.2984 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 115.6780, -31.8863, 7.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

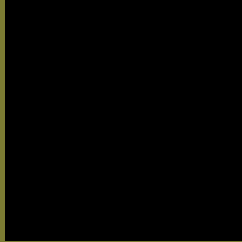
Any Text WCAG AA ✓ Pass

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 115.6780, -31.8863, 7.2984 Background



This preview shows how black text looks on a background with the YUV color 115.6780, -31.8863, 7.2984.



This preview shows how white text looks on a background with the YUV color 115.6780, -31.8863, 7.2984.

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

115.6780, -31.8863, 7.2984

Protanopia

116.7930, -32.9289, 15.0905

Deuteranopia

118.2120, -31.6565, 27.0011



Tritanopia

121.5110, 1.7201, 8.3219

Trichromacy



Original Color

115.6780, -31.8863, 7.2984

Protanomaly

116.1840, -32.6287, 12.1166

Deuteranomaly

117.1680, -31.6348, 20.0237

Tritanomaly

119.2970, -10.4994, 7.6325

Monochromacy



Original Color

115.6780, -31.8863, 7.2984

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6780, -31.8863, 7.2984 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, 124, 51)` looks like.

```
.text, #text, p{  
    color:rgb(124, 124, 51)  
}
```

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, 124, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 124, 51) }
```

Border

The CSS property to change the border of an element to YUV 115.6780, -31.8863, 7.2984 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, 124, 51) }
```


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

```
.border{ border-color:rgb(124, 124, 51) }
```

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

Here you see how a box with a 4 pixel rgb(124, 124, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 124, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 124, 51);  
box-shadow:4px 4px 4px 4px rgb(124, 124,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 115.6780, -31.8863, 7.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 124, 51) }
```

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

```
.background{ background-color: rgb(124,  
124, 51) }
```

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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