

Converting Colors

YUV(148.8340, 8.4628, -7.7474)

Have a look what the booklet for
YUV(148.8340, 8.4628, -7.7474)
contains.

YUV(148.8340, 8.4628, -7.7474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.8340, 8.4628,
-7.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	8C96A6
RGB	140, 150, 166
RGB Percent	55%, 59%, 65%
CMY	0.4510, 0.4118, 0.3490
CMYK	0.16, 0.10, 0.00, 0.35
HSL	217°, 13%, 60%
HSV	217°, 16%, 65%
XYZ	28.6045, 30.1413, 40.3866
YIQ	148.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

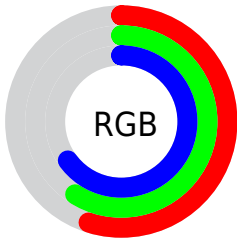
Format	Color
R_{YB}	140, 147, 166
Decimal	9213606
CIE _{Lab}	61.78, -0.17, -9.60
CIE _{LCh}	62, 9.605, 268.978
Yxy	30.1413, 0.2885, 0.3041
Android (android.graphics.Color)	4287403686 (0xFF8C96A6)
YUV	148.8340, 8.4628, -7.7474
Hunter-Lab	54.9011, -3.0751, -5.1844

Details

The YUV color **148.8340, 8.4628, -7.7474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.1660, -8.4628, 7.7474**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9480, 8.8996, -7.8474**, and **98.0190, 7.8786, -7.0327** is the 20% darker color. If you saturate the color by 10%, you get **137.8810, 13.8627, -13.0506**, and if you desaturate by 10%, it is **159.7870, 3.0630, -2.4442**.

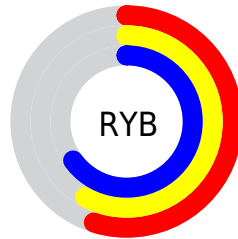
Distribution



Red (55%)

Green (59%)

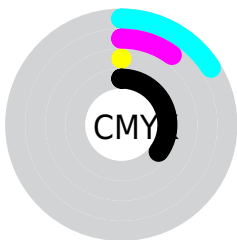
Blue (65%)



Red (55%)

Yellow (58%)

Blue (65%)

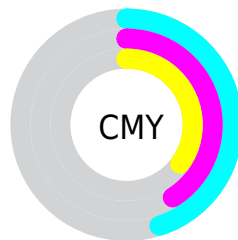


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8340, 8.4628, -7.7474 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 148.8340, 8.4628, -7.7474 by changing the saturation by 10% instead.

■ 148.8340, 8.4628,
-7.7474

■ 148.8340, 8.4628,
-7.7474

255.0000, 0.0000,
0.0000

■ 122.8340, 8.4628,
-7.7474

■ 202.9480, 8.8996,
-7.8474

■ 98.0190, 7.8786,
-7.0327

■ 231.0620, 9.3364,
-7.9474

■ 74.0190, 7.8786,
-7.0327

■ 253.5050, 0.7370,
-3.0739

■ 51.4920, 7.1524,
-7.4475

■ 30.3780, 6.7156,
-7.3475

■ 7.4320, 8.1680,
-6.5179

■ 0.0000, 0.0000,

0.0000

■ 148.8340, 8.4628,
-7.7474

■ 148.8340, 8.4628,
-7.7474

■ 137.8810, 13.8627,
-13.0506

■ 159.7870, 3.0630,
-2.4442

■ 127.2270, 19.1151,
-17.7391

■ 170.4410, -2.1894,
2.2442

■ 115.6870, 24.8043,
-22.5275

■ 181.9810, -7.8786,
7.0327

■ 105.0330, 30.0567,
-27.2159

■ 192.6350,
-13.1311, 11.7211

■ 94.0800, 35.4566,
-32.5192

■ 203.5880,
-18.5309, 17.0243

■ 83.1270, 40.8564,
-37.8224

■ 214.5410,
-23.9307, 22.3275

■ 71.8860, 46.3982,
-41.9960

■ 225.4830,
-29.3251, 25.8864

■ 60.9330, 51.7980,
-47.2992

■ 231.3530,
-32.2190, 20.7384

■ 56.4920, 53.9874,
-49.5435

■ 237.2230,
-35.1129, 15.5904

Harmonies

Analogous

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



147.2740, 7.7529, -13.3953



148.8340, 8.4628, -7.7474



150.1340, 6.8359, 0.7595

Triad

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



148.8340, 8.4628, -7.7474



150.8340, -4.8482, 15.0546



147.0330, -3.4673, -7.9219

Complementary

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



148.8340, 8.4628, -7.7474



157.1660, -8.4628, 7.7474

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.



147.8660, -6.8359, -0.7595



148.8340, 8.4628, -7.7474



150.1280, -7.4581, 12.1657

Square

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



148.8340, 8.4628, -7.7474



151.2620, -0.6222, 12.9252



148.8670, -8.3154, 7.1326



146.2540, 1.3538, -14.2548

Rectangle

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



148.8340, 8.4628, -7.7474



150.2980, 4.7831, 5.8777



148.8670, -8.3154, 7.1326



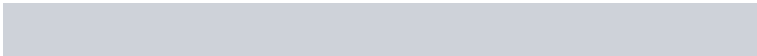
147.7020, -4.7831, -5.8777

Sweetspot

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



148.8340, 8.4628, -7.7474



209.6020, 3.6472, -3.1590



157.0860, -0.5354, -14.9844



105.5590, 2.1894, -2.2442



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.8340, 8.4628, -7.7474



189.4790, 13.5679, -11.8211



143.8610, 10.9145, -0.7551



78.6730, 2.6262, -2.3442



50.3310, 48.1508, -44.1403



6.9760, 6.4208, -6.1180

Inverse Universe

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



148.9140, 0.5354, 14.9844



189.9690, 0.5083, 23.7062



162.1390, -10.9145, 0.7551



78.7340, 0.1311, 4.6183



50.7500, 3.0813, 85.2883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 148.8340, 8.4628, -7.7474 looks on a white background.

Color Contrast Check

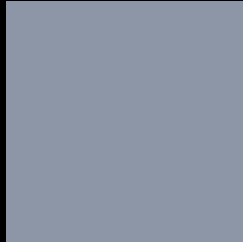
Large Text (above 18pt) WCAG AA × Fail

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 148.8340, 8.4628, -7.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

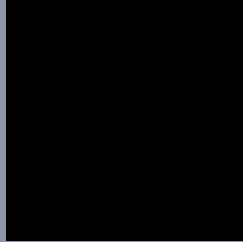
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

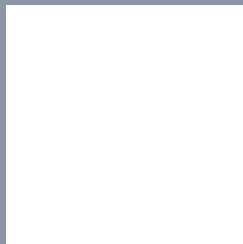
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.8340, 8.4628, -7.7474

Background



This preview shows how black text looks on a background with the YUV color 148.8340, 8.4628, -7.7474.



This preview shows how white text looks on a background with the YUV color 148.8340, 8.4628, -7.7474.

-7.7474.

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

148.8340, 8.4628, -7.7474

Protanopia

149.6390, 7.5730, -2.3144

Deuteranopia

150.4980, 8.1355, 3.9483



Tritanopia

148.7800, 7.0105, -8.5771

Trichromacy



Original Color

148.8340, 8.4628, -7.7474

Protanomaly

149.3290, 7.7258, -4.6735

Deuteranomaly

150.1770, 8.2937, -0.1552

Tritanomaly

148.8940, 7.4473, -8.6770

Monochromacy



Original Color

148.8340, 8.4628, -7.7474

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8340, 8.4628, -7.7474 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(140, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 166)  
}
```

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(140, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 166) }
```

Border

The CSS property to change the border of an element to YUV 148.8340, 8.4628, -7.7474 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(140, 150, 166) }
```


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

```
.border{ border-color:rgb(140, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 148.8340, 8.4628, -7.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 166) }
```

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

```
.background{ background-color: rgb(140,  
150, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor