

Converting Colors

YUV(148.7750, 7.9989, 1.0743)

Have a look what the booklet for
YUV(148.7750, 7.9989, 1.0743)
contains.

YUV(148.7750, 7.9989, 1.0743)	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(148.7750, 7.9989,
1.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	9691A5
RGB	150, 145, 165
RGB Percent	59%, 57%, 65%
CMY	0.4118, 0.4314, 0.3529
CMYK	0.09, 0.12, 0.00, 0.35
HSL	255°, 10%, 61%
HSV	255°, 12%, 65%
XYZ	29.4946, 29.4514, 39.7275
YIQ	148.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

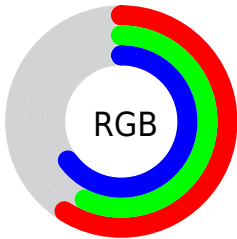
Format	Color
R_{YB}	150, 145, 165
Decimal	9867685
CIE Lab	61.18, 5.85, -9.85
CIE LCh	61, 11.453, 300.695
Yxy	29.4514, 0.2989, 0.2985
Android (android.graphics.Color)	4288057765 (0xFF9691A5)
YUV	148.7750, 7.9989, 1.0743
Hunter-Lab	54.2692, 2.0414, -5.4145

Details

The YUV color **148.7750, 7.9989, 1.0743** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.2250, -7.9989, -1.0743**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8890, 8.4357, 0.9743**, and **98.2480, 7.2727, 0.6595** is the 20% darker color. If you saturate the color by 10%, you get **135.2080, 14.6875, 2.4486**, and if you desaturate by 10%, it is **161.7550, 1.5998, 0.2149**.

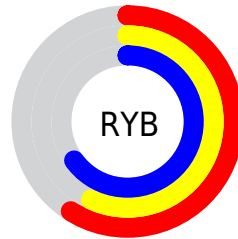
Distribution



Red (59%)

Green (57%)

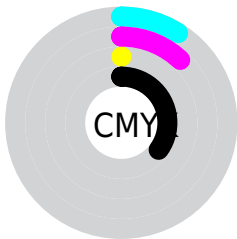
Blue (65%)



Red (59%)

Yellow (57%)

Blue (65%)

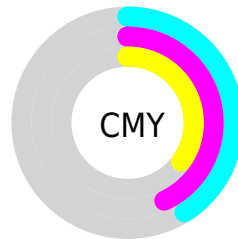


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7750, 7.9989, 1.0743 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 148.7750, 7.9989, 1.0743 by changing the saturation by 10% instead.

■ 148.7750, 7.9989,
1.0743

■ 148.7750, 7.9989,
1.0743

■ 255.0000, 0.0000,
0.0000

■ 122.7750, 7.9989,
1.0743

■ 202.8890, 8.4357,
0.9743

■ 98.2480, 7.2727,
0.6595

■ 231.0030, 8.8725,
0.8744

■ 74.2480, 7.2727,
0.6595

■ 51.7210, 6.5465,
0.2447

■ 30.6070, 6.1097,
0.3447

■ 5.6010, 8.5777,
2.1039

■ 0.0000, 0.0000,

0.0000

■ 148.7750, 7.9989,
1.0743

■ 148.7750, 7.9989,
1.0743

■ 135.2080, 14.6875,
2.4486

■ 161.7550, 1.5998,
0.2149

■ 121.9290, 21.2340,
2.6933

■ 175.6210, -5.2362,
-0.5446

■ 108.3620, 27.9225,
4.0675

■ 188.6010,
-11.6353, -1.4041

■ 95.3820, 34.3217,
4.9270

■ 202.1680,
-18.3238, -2.7783

■ 81.5160, 41.1576,
5.6865

■ 215.4470,
-24.8704, -3.0230

■ 68.5360, 47.5568,
6.5459

■ 229.0140,
-31.5589, -4.3973

■ 54.6700, 54.3927,
7.3054

■ 239.3580,
-36.6585, -2.0680

■ 41.6900, 60.7918,
8.1649

■ 242.9460,
-38.4274, 5.3094

■ 31.0690, 66.0280,
8.7095

■ 244.7400,
-39.3118, 8.9980

Harmonies

Analogous

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



146.9910, 10.3574, -8.7621



148.7750, 7.9989, 1.0743



149.5050, 4.1880, 10.0811

Triad

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



148.7750, 7.9989, 1.0743



148.6830, -9.2107, 14.3100



144.6450, 1.6540, -17.2287

Complementary

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



148.7750, 7.9989, 1.0743



161.2250, -7.9989, -1.0743

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.



145.1960, -4.0406, -10.6959



148.7750, 7.9989, 1.0743



147.5250, -9.6258, 7.4326

Square

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



148.7750, 7.9989, 1.0743



149.0300, -5.4378, 17.5137



145.9260, -7.8515, -1.6891



144.3010, 6.7536, -19.5580

Rectangle

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



148.7750, 7.9989, 1.0743



149.6150, 0.6828, 14.3696



145.9260, -7.8515, -1.6891



144.2000, -0.0986, -15.0844

Sweetspot

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



148.7750, 7.9989, 1.0743



207.5100, 3.1996, 0.4297



156.0850, 4.3951, -9.7215



102.8690, 2.0366, 0.1149



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



148.7750, 7.9989, 1.0743



188.0400, 12.7983, 1.7189



151.7650, 6.5249, 7.2221



74.6240, 3.6364, 0.3298



27.2940, 58.0291, 7.6352



3.2480, 7.2727, 0.6595

Inverse Universe

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



152.6900, 3.6038, 10.7959



194.3040, 5.7661, 17.2734



158.2350, -6.5249, -7.2221



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 148.7750, 7.9989, 1.0743 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 148.7750, 7.9989, 1.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

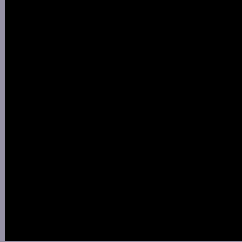
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7750, 7.9989, 1.0743

Background



This preview shows how black text looks on a background with the YUV color 148.7750, 7.9989, 1.0743.



This preview shows how white text looks on a background with the YUV color 148.7750, 7.9989,

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

148.7750, 7.9989, 1.0743

Protanopia

148.5680, 8.5940, -3.1291

Deuteranopia

149.3840, 7.6987, 4.0482



Tritanopia

148.2650, 4.7994, 0.6446

Trichromacy



Original Color

148.7750, 7.9989, 1.0743

Protanomaly

148.5790, 8.5886, -1.3848

Deuteranomaly

149.0850, 7.8461, 3.4335

Tritanomaly

148.6070, 6.1097, 0.3447

Monochromacy



Original Color

148.7750, 7.9989, 1.0743

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7750, 7.9989, 1.0743 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(150, 145, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 165)  
}
```

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(150, 145, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 165) }
```

Border

The CSS property to change the border of an element to YUV 148.7750, 7.9989, 1.0743 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(150, 145, 165) }
```


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

```
.border{ border-color:rgb(150, 145, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 148.7750, 7.9989, 1.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 165) }
```

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

```
.background{ background-color: rgb(150,  
145, 165) }
```

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