

Converting Colors

YUV(149.7620, 1.1033, 19.5027)

Have a look what the booklet for
YUV(149.7620, 1.1033, 19.5027)
contains.

YUV(149.7620, 1.1033, 19.5027)	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(149.7620, 1.1033,
19.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A98
RGB	172, 138, 152
RGB Percent	67%, 54%, 60%
CMY	0.3255, 0.4588, 0.4039
CMYK	0.00, 0.20, 0.12, 0.33
HSL	335°, 17%, 61%
HSV	335°, 20%, 67%
XYZ	31.7692, 29.2146, 33.6703
YIQ	149.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

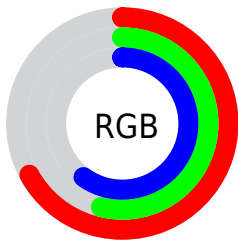
Format	Color
R_{YB}	172, 138, 152
Decimal	11307672
CIE _{Lab}	60.97, 15.23, -2.54
CIE _{LCh}	61, 15.438, 350.535
Yxy	29.2146, 0.3356, 0.3086
Android (android.graphics.Color)	4289497752 (0xFFAC8A98)
YUV	149.7620, 1.1033, 19.5027
Hunter-Lab	54.0505, 10.3283, 0.9012

Details

The YUV color **149.7620, 1.1033, 19.5027** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160.2380, -1.1033, -19.5027**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3600, 0.8085, 20.7323**, and **98.7510, 1.1088, 17.7584** is the 20% darker color. If you saturate the color by 10%, you get **138.6430, 1.6550, 29.2541**, and if you desaturate by 10%, it is **160.8810, 0.5517, 9.7514**.

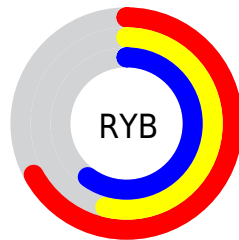
Distribution



Red (67%)

Green (54%)

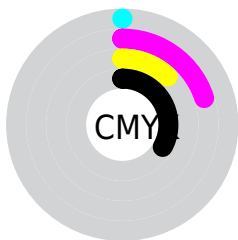
Blue (60%)



Red (67%)

Yellow (54%)

Blue (60%)

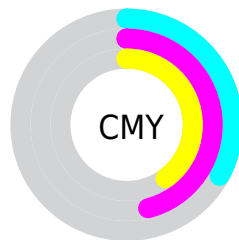


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7620, 1.1033, 19.5027 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 149.7620, 1.1033, 19.5027 by changing the saturation by 10% instead.

 149.7620, 1.1033,
19.5027

 149.7620, 1.1033,
19.5027

255.0000, 0.0000,
0.0000


 123.4630, 1.2507,
18.8879

 204.3600, 0.8085,
20.7323


 98.7510, 1.1088,
17.7584


 231.4740, 1.2453,
20.6323

 74.4520, 1.2562,
17.1436

 250.8910, 2.0257,
3.6036

 51.7400, 1.1142,
16.0140

 30.1420, 1.4090,
14.7845

 9.8110, 0.0932,
16.8288

 0.0000, 0.0000,

0.0000

■ 149.7620, 1.1033,
19.5027

■ 149.7620, 1.1033,
19.5027

■ 138.6430, 1.6550,
29.2541

■ 160.8810, 0.5517,
9.7514

■ 127.5240, 2.2067,
39.0055

■ 172.0000, 0.0000,
0.0000

■ 115.8180, 3.0477,
49.2716

■ 183.7060, -0.8411,
-10.2662

■ 104.6990, 3.5994,
59.0230

■ 194.8250, -1.3927,
-20.0175

■ 93.4660, 3.7143,
68.8743

■ 206.0580, -1.5076,
-29.8689

■ 82.3470, 4.2659,
78.6257

■ 217.1770, -2.0593,
-39.6202

■ 71.2280, 4.8176,
88.3770

■ 226.5350, -1.7428,
-47.8272

■ 59.5220, 5.6587,
98.6432

■ 227.6750, 2.6252,
-48.8270

■ 228.8150, 6.9932,
-49.8268

Harmonies

Analogous

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



149.7160, 7.5350, 9.8961



149.7620, 1.1033, 19.5027



149.3620, -5.6015, 23.3615

Triad

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



149.7620, 1.1033, 19.5027



145.6230, -11.6461, 2.0846



143.0490, 12.3008, -25.4760

Complementary

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



149.7620, 1.1033, 19.5027



160.2380, -1.1033, -19.5027

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.



141.9580, 6.9227, -27.1502



149.7620, 1.1033, 19.5027



143.9850, -7.3876, -10.5108

Square

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



149.7620, 1.1033, 19.5027



147.2330, -13.4259, 12.9507



142.4550, -0.2243, -21.4470



145.8590, 13.8735, -16.5393

Rectangle

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



149.7620, 1.1033, 19.5027



148.4390, -9.0904, 22.4170



142.4550, -0.2243, -21.4470



142.5820, 10.5591, -26.8204

Sweetspot

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



149.7620, 1.1033, 19.5027



215.4570, 0.2677, 7.4922



147.8560, 11.9030, 8.8963



106.8480, 0.5679, 4.5183



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.7620, 1.1033, 19.5027



189.3550, 1.7970, 30.3837



149.9270, -5.8800, 19.3580



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Inverse Universe

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



149.7620, 1.1033, 19.5027



189.3550, 1.7970, 30.3837



160.0730, 5.8800, -19.3580



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 149.7620, 1.1033, 19.5027 looks on a white background.

Color Contrast Check

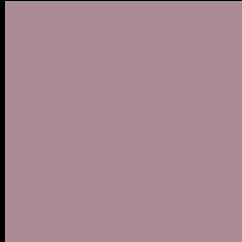
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7620, 1.1033, 19.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

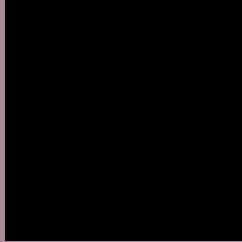
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.7620, 1.1033, 19.5027

Background



This preview shows how black text looks on a background with the YUV color 149.7620, 1.1033, 19.5027.



This preview shows how white text looks on a background with the YUV color 149.7620, 1.1033,

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

149.7620, 1.1033, 19.5027

Protanopia

147.5530, 4.6574, -0.4850

Deuteranopia

148.9950, 0.9885, 9.6514



Tritanopia

149.4200, -0.2071, 19.8027

Trichromacy



Original Color

149.7620, 1.1033, 19.5027

Protanomaly

148.2550, 3.3253, 6.7924

Deuteranomaly

149.0170, 0.9776, 13.1401

Tritanomaly

149.5340, 0.2297, 19.7027

Monochromacy



Original Color

149.7620, 1.1033, 19.5027

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7620, 1.1033, 19.5027 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(172, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 152)  
}
```

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(172, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 152) }
```

Border

The CSS property to change the border of an element to YUV 149.7620, 1.1033, 19.5027 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(172, 138, 152) }
```


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

```
.border{ border-color:rgb(172, 138, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 149.7620, 1.1033, 19.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 152) }
```

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

```
.background{ background-color: rgb(172,  
138, 152) }
```

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