

Converting Colors

YUV(151.1010, -6.4588,
18.3284)

Have a look what the booklet for
YUV(151.1010, -6.4588, 18.3284)
contains.

YUV(151.1010, -6.4588, 18.3284)	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(151.1010, -6.4588,
18.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8F8A
RGB	172, 143, 138
RGB Percent	67%, 56%, 54%
CMY	0.3255, 0.4392, 0.4588
CMYK	0.00, 0.17, 0.20, 0.33
HSL	9°, 17%, 61%
HSV	9°, 20%, 67%
XYZ	31.4232, 30.2506, 28.2275
YIQ	151.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

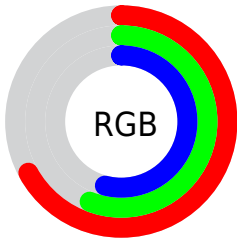
Format	Color
RYB	172, 144, 138
Decimal	11308938
CIELab	61.87, 10.09, 6.73
CIElCh	62, 12.127, 33.718
Yxy	30.2506, 0.3495, 0.3365
Android (android.graphics.Color)	4289499018 (0xFFAC8F8A)
YUV	151.1010, -6.4588, 18.3284
Hunter-Lab	55.0005, 5.7306, 8.0714

Details

The YUV color **151.1010, -6.4588, 18.3284** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **158.8990, 6.4588, -18.3284**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5850, -7.1904, 19.6580**, and **100.2040, -6.0166, 16.4841** is the 20% darker color. If you saturate the color by 10%, you get **140.3580, -9.5435, 27.7500**, and if you desaturate by 10%, it is **161.8440, -3.3741, 8.9068**.

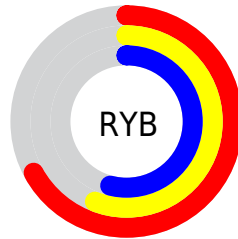
Distribution



Red (67%)

Green (56%)

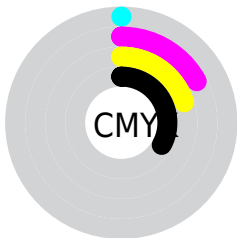
Blue (54%)



Red (67%)

Yellow (56%)

Blue (54%)

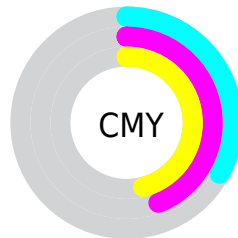


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1010, -6.4588, 18.3284 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 151.1010, -6.4588, 18.3284 by changing the saturation by 10% instead.

■ 151.1010, -6.4588,
18.3284

■ 151.1010, -6.4588,
18.3284

255.0000, 0.0000,
0.0000

■ 124.9160, -5.8746,
17.6137

■ 205.5850, -7.1904,
19.6580

■ 100.2040, -6.0166,
16.4841

■ 233.2860, -7.0430,
19.0432

■ 76.0190, -5.4324,
15.7693

■ 253.0280, -2.4788,
1.7294

■ 53.4210, -5.1376,
14.5398

■ 31.8230, -4.8427,
13.3102

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,

0.0000

■ 151.1010, -6.4588,
18.3284

■ 151.1010, -6.4588,
18.3284

■ 140.3580, -9.5435,
27.7500

■ 161.8440, -3.3741,
8.9068

■ 130.2020,
-12.9176, 36.6568

■ 172.0000, 0.0000,
0.0000

■ 119.3450,
-16.4391, 46.1784

■ 182.8570, 3.5215,
-9.5216

■ 108.6020,
-19.5238, 55.6000

■ 193.6000, 6.6062,
-18.9432

■ 98.4460, -22.8979,
64.5069

■ 203.7560, 9.9803,
-27.8500

■ 87.7030, -25.9826,
73.9285

■ 214.4990, 13.0650,
-37.2716

■ 76.9600, -29.0673,
83.3501

■ 224.9000, 14.8393,
-46.3933

■ 66.6900, -32.8782,
92.3569

■ 230.1830, 12.2348,
-51.0265

■ 66.1030, -32.5888,
92.8717

Harmonies

Analogous

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



151.3550, -1.6540, 17.2287



151.1010, -6.4588, 18.3284



150.5690, -9.6475, 14.4100

Triad

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



151.1010, -6.4588, 18.3284



146.7120, -3.3090, -12.0254



149.4040, 10.6468, -8.2473

Complementary

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



151.1010, -6.4588, 18.3284



158.8990, 6.4588, -18.3284

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.



147.2350, 10.2371, -16.8691



151.1010, -6.4588, 18.3284



145.7480, 2.0962, -19.0730

Square

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



151.1010, -6.4588, 18.3284



147.5130, -8.1409, -2.2039



145.8170, 7.4852, -20.8875



150.4870, 8.1409, 2.2039

Rectangle

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



151.1010, -6.4588, 18.3284



149.6070, -10.6523, 9.9917



145.8170, 7.4852, -20.8875



148.4960, 11.0945, -11.8360

Sweetspot

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



151.1010, -6.4588, 18.3284



216.0610, -2.4951, 6.9625



151.4720, 7.6553, 18.0031



107.5660, -1.7580, 3.8886



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.



151.1010, -6.4588, 18.3284



190.9560, -9.8383, 28.9796



161.0800, -11.3784, 9.5768



81.2780, -1.6161, 5.0182



57.7640, -28.4777, 80.8910



8.6380, -4.2585, 12.5955

Inverse Universe

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



158.8990, 6.4588, -18.3284



203.4570, 10.1277, -28.4648



148.9200, 11.3784, -9.5768



83.1350, 1.9054, -4.5034



92.2360, 28.4777, -80.8910



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 151.1010, -6.4588, 18.3284 looks on a white background.

Color Contrast Check

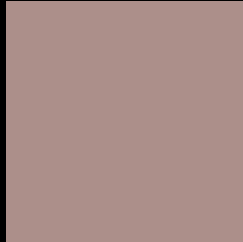
Large Text (above 18pt) WCAG AA × Fail

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 151.1010, -6.4588, 18.3284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

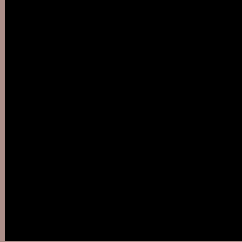
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.1010, -6.4588, 18.3284

Background



This preview shows how black text looks on a background with the YUV color 151.1010, -6.4588, 18.3284.



This preview shows how white text looks on a background with the YUV color 151.1010, -6.4588,

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

151.1010, -6.4588, 18.3284

Protanopia

149.5830, -4.2314, 3.8737

Deuteranopia

150.4920, -6.1586, 15.3545



Tritanopia

152.1210, -0.0597, 19.1879

Trichromacy



Original Color

151.1010, -6.4588, 18.3284

Protanomaly

150.3880, -5.1213, 9.3067

Deuteranomaly

150.7910, -6.3060, 15.9693

Tritanomaly

151.8390, -2.3856, 18.5582

Monochromacy



Original Color

151.1010, -6.4588, 18.3284

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0610, -2.4951, 6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1010, -6.4588, 18.3284 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, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 138)  
}
```

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, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 138) }
```

Border

The CSS property to change the border of an element to YUV 151.1010, -6.4588, 18.3284 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, 143, 138) }
```


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

```
.border{ border-color:rgb(172, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 151.1010, -6.4588, 18.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 138) }
```

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

```
.background{ background-color: rgb(172,  
143, 138) }
```

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