

Converting Colors

YUV(164.1510, 7.8136, 13.8996)

Have a look what the booklet for
YUV(164.1510, 7.8136, 13.8996)
contains.

| | |
|--|----|
| YUV(164.1510, 7.8136, 13.8996) | 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(164.1510, 7.8136,
13.8996)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B499B4 |
| RGB | 180, 153, 180 |
| RGB Percent | 71%, 60%, 71% |
| CMY | 0.2941, 0.4000, 0.2941 |
| CMYK | 0.00, 0.15, 0.00, 0.29 |
| HSL | 300°, 15%, 65% |
| HSV | 300°, 15%, 71% |
| XYZ | 38.4518, 35.7811, 48.0598 |
| YIQ | 164.1510, 7.4250, 14.1210 |

Conversions

Conversions Part 2

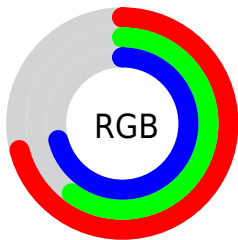
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 180, 153, 180 |
| Decimal | 11835828 |
| CIE _{Lab} | 66.35, 14.83, -10.29 |
| CIE _{LCh} | 66, 18.051, 325.241 |
| Yxy | 35.7811, 0.3144, 0.2926 |
| Android (android.graphics.Color) | 4290025908 (0xFFB499B4) |
| YUV | 164.1510, 7.8136, 13.8996 |
| Hunter-Lab | 59.8173, 10.0635, -5.7641 |

Details

The YUV color $164.1510, 7.8136, 13.8996$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $168.8490, -7.8136, -13.8996$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.9770, 8.3923, 14.9292$, and $112.3250, 7.2348, 12.8700$ is the 20% darker color. If you saturate the color by 10%, you get $153.5850, 13.0226, 23.1660$, and if you desaturate by 10%, it is $174.7170, 2.6045, 4.6332$.

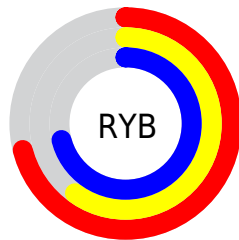
Distribution



Red (71%)

Green (60%)

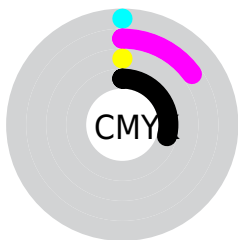
Blue (71%)



Red (71%)

Yellow (60%)

Blue (71%)

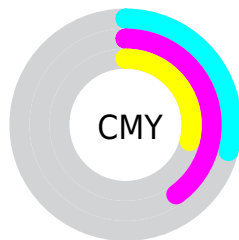


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1510, 7.8136, 13.8996 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 164.1510, 7.8136, 13.8996 by changing the saturation by 10% instead.

■ 164.1510, 7.8136,
13.8996

■ 164.1510, 7.8136,
13.8996

255.0000, 0.0000,
0.0000

■ 137.7380, 7.5242,
13.3848

■ 218.9770, 8.3923,
14.9292

■ 112.3250, 7.2348,
12.8700

■ 243.8470, 5.4984,
9.7812

■ 87.9120, 6.9454,
12.3552

■ 64.4990, 6.6560,
11.8404

■ 42.0860, 6.3666,
11.3256

■ 20.7870, 6.5140,
10.7108

■ 1.1400, 4.3680,

-0.9998

0.0000, 0.0000,
0.0000

164.1510, 7.8136,
13.8996

164.1510, 7.8136,
13.8996

153.5850, 13.0226,
23.1660

174.7170, 2.6045,
4.6332

143.0190, 18.2316,
32.4323

185.2830, -2.6045,
-4.6332

132.4530, 23.4407,
41.6987

195.8490, -7.8136,
-13.8996

121.8870, 28.6497,
50.9651

206.4150,
-13.0226, -23.1660

111.3210, 33.8587,
60.2315

216.9810,
-18.2316, -32.4323

■ 100.7550, 39.0678,
69.4979

■ 224.0250,
-21.7043, -38.6099

■ 90.1890, 44.2768,
78.7642

■ 79.6230, 49.4859,
88.0306

■ 74.3400, 52.0904,
92.6638

Harmonies

Analogous

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



162.6590, 13.9721, -1.4549



164.1510, 7.8136, 13.8996



164.2680, 0.3609, 24.3210

Triad

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



164.1510, 7.8136, 13.8996



160.6630, -15.6099, 13.4505



154.6090, 9.5598, -32.9831

Complementary

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



164.1510, 7.8136, 13.8996



168.8490, -7.8136, -13.8996

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.



155.7640, 1.1023, -26.9800



164.1510, 7.8136, 13.8996



159.4440, -13.5299, -0.3894

Square

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



164.1510, 7.8136, 13.8996



162.2990, -13.4584, 23.4168



157.5500, -7.6661, -14.5143



156.7110, 14.9325, -29.5645

Rectangle

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



164.1510, 7.8136, 13.8996



163.7970, -5.3229, 27.3650



157.5500, -7.6661, -14.5143



155.2240, 6.7916, -31.7684

Sweetspot

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



164.1510, 7.8136, 13.8996



227.9560, 3.4727, 6.1776



156.0780, 11.7935, -2.6994



112.8910, 2.0257, 3.6036



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



164.1510, 7.8136, 13.8996



209.7590, 12.4438, 22.1364



162.6690, 2.1352, 15.1993



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Inverse Universe

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



164.1510, 7.8136, 13.8996



209.7590, 12.4438, 22.1364



170.4450, -1.6984, -15.2993



83.7170, 2.6045, 4.6332



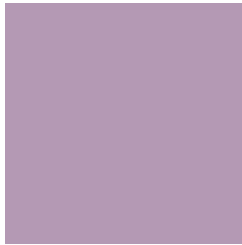
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 164.1510, 7.8136, 13.8996 looks on a white background.

Color Contrast Check

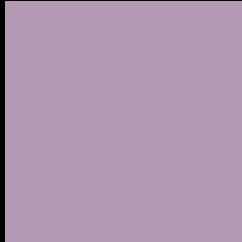
Large Text (above 18pt) WCAG AA × Fail

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 164.1510, 7.8136, 13.8996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

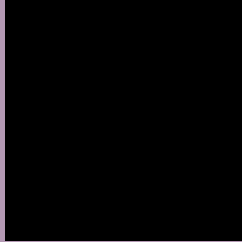
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1510, 7.8136, 13.8996

Background



This preview shows how black text looks on a background with the YUV color 164.1510, 7.8136, 13.8996.



This preview shows how white text looks on a background with the YUV color 164.1510, 7.8136,

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

164.1510, 7.8136, 13.8996

Protanopia

161.9530, 11.3622, -4.3438

Deuteranopia

163.0960, 7.8407, 5.1778



Tritanopia

163.2450, 1.8512, 12.9401

Trichromacy



Original Color

164.1510, 7.8136, 13.8996

Protanomaly

162.3560, 10.1775, 2.3188

Deuteranomaly

163.7050, 7.5404, 8.1517

Tritanomaly

163.5270, 4.1772, 13.5698

Monochromacy



Original Color

164.1510, 7.8136, 13.8996

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1510, 7.8136, 13.8996 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(180, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 153, 180)  
}
```

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(180, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 153, 180) }
```

Border

The CSS property to change the border of an element to YUV 164.1510, 7.8136, 13.8996 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(180, 153, 180) }
```


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

```
.border{ border-color:rgb(180, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 153,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 164.1510, 7.8136, 13.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 153, 180) }
```

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

```
.background{ background-color: rgb(180,  
153, 180) }
```

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