

Converting Colors

YUV(190.3510, 14.6170,
25.1252)

Have a look what the booklet for
YUV(190.3510, 14.6170, 25.1252)
contains.

| | |
|------------------------------------------------|----|
| YUV(190.3510, 14.6170, 25.1252) | 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(190.3510, 14.6170,
25.1252)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBAADC |
| RGB | 219, 170, 220 |
| RGB Percent | 86%, 67%, 86% |
| CMY | 0.1412, 0.3333, 0.1373 |
| CMYK | 0.00, 0.23, 0.00, 0.14 |
| HSL | 299°, 42%, 76% |
| HSV | 299°, 23%, 86% |
| XYZ | 56.5064, 48.9768, 74.1854 |
| YIQ | 190.3510, 13.1540, 25.9380 |

Conversions

Conversions Part 2

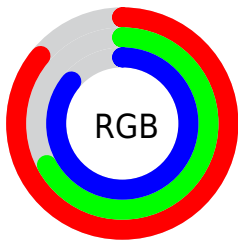
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 170, 220 |
| Decimal | 14396124 |
| CIE Lab | 75.44, 26.30, -18.34 |
| CIE LCh | 75, 32.063, 325.115 |
| Yxy | 48.9768, 0.3145, 0.2726 |
| Android (android.graphics.Color) | 4292586204 (0xFFDBAADC) |
| YUV | 190.3510, 14.6170, 25.1252 |
| Hunter-Lab | 69.9834, 21.6544, -13.8615 |

Details

The YUV color **190.3510, 14.6170, 25.1252** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.6490, -14.6170, -25.1252**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **136.2260, 14.1856, 23.4808** is the 20% darker color. If you saturate the color by 10%, you get **177.4370, 20.9836, 36.4508**, and if you desaturate by 10%, it is **203.2650, 8.2504, 13.7996**.

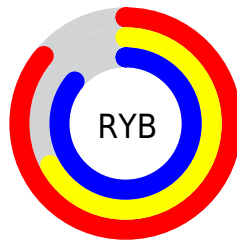
Distribution



Red (86%)

Green (67%)

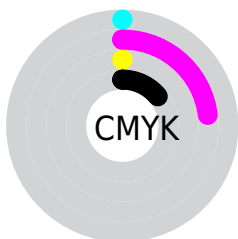
Blue (86%)



Red (86%)

Yellow (67%)

Blue (86%)

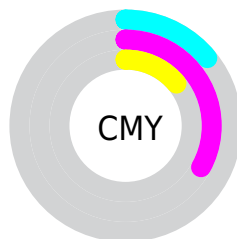


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.3510, 14.6170, 25.1252 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 190.3510, 14.6170, 25.1252 by changing the saturation by 10% instead.


 190.3510, 14.6170,
25.1252

 190.3510, 14.6170,
25.1252


255.0000, 0.0000,
0.0000


 162.9380, 14.3276,
24.6104


 237.9770, 8.3923,
14.9292


 136.2260, 14.1856,
23.4808

254.4130, 0.2894,
0.5148

 110.8130, 13.8962,
22.9660

 85.9870, 13.3174,
21.9364

 62.1610, 12.7386,
20.9068

 38.8620, 12.8860,
20.2920

 16.5630, 13.0334,

19.6772

■ 4.0030, 8.8725,
0.8744

■ 0.0000, 0.0000,
0.0000

■ 190.3510, 14.6170,
25.1252

■ 190.3510, 14.6170,
25.1252

■ 177.4370, 20.9836,
36.4508

■ 203.2650, 8.2504,
13.7996

■ 164.2240, 27.4976,
47.1616

■ 216.4780, 1.7363,
3.0888

■ 151.3100, 33.8642,
58.4871

■ 229.3920, -4.6303,
-8.2368

■ 138.0970, 40.3782,
69.1979

■ 240.8440,
-10.2761, -17.4032

■ 125.1830, 46.7448,
80.5235

■ 241.1430,
-10.4235, -16.7884

■ 111.9700, 53.2588,
91.2343

■ 241.4420,
-10.5709, -16.1736

■ 99.0560, 59.6254,
102.5599

■ 89.6640, 64.2556,
110.7967

Harmonies

Analogous

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



187.6230, 25.3289, -4.0544



190.3510, 14.6170, 25.1252



189.9160, 1.0274, 43.9237

Triad

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



190.3510, 14.6170, 25.1252



184.4010, -28.2987, 23.3273



169.7230, 19.8566, -69.0401

Complementary

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



190.3510, 14.6170, 25.1252



199.6490, -14.6170, -25.1252

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.



172.8810, 3.5097, -52.5156



190.3510, 14.6170, 25.1252



181.8710, -24.5864, -0.7639

Square

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



190.3510, 14.6170, 25.1252



186.6620, -23.9904, 41.5154



177.3930, -13.0117, -26.6547



173.2860, 29.4390, -62.5178

Rectangle

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



190.3510, 14.6170, 25.1252



189.1310, -8.4456, 48.9971



177.3930, -13.0117, -26.6547



170.0780, 14.7515, -64.9664

Sweetspot

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



190.3510, 14.6170, 25.1252



244.4340, 5.2090, 9.2664



176.8740, 21.2611, -6.0285



121.2440, 3.3307, 5.0480



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



190.3510, 14.6170, 25.1252



214.1980, 20.1154, 34.9064



188.0280, 4.4232, 28.0394



103.2440, 3.3307, 5.0480



70.5520, 50.5069, 87.2159



18.6990, 13.4594, 23.0660

Inverse Universe

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



185.0640, -6.9336, 30.6389



206.8590, -9.2975, 42.2197



201.9720, -4.4232, -28.0394



102.2890, -1.6215, 6.7625



52.0690, -24.1910, 106.0565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 190.3510, 14.6170, 25.1252 looks on a white background.

Color Contrast Check

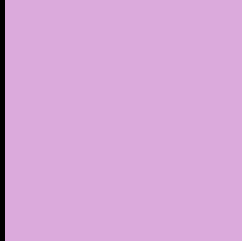
Large Text (above 18pt) WCAG AA × Fail

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 190.3510, 14.6170, 25.1252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

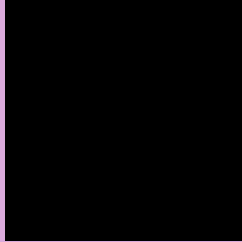
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.3510, 14.6170, 25.1252

Background



This preview shows how black text looks on a background with the YUV color 190.3510, 14.6170, 25.1252.



This preview shows how white text looks on a background with the YUV color 190.3510, 14.6170,

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

190.3510, 14.6170, 25.1252

Protanopia

186.5530, 21.4194, -10.1320

Deuteranopia

188.1970, 14.6929, 0.7042



Tritanopia

189.1430, -0.0705, 22.6766

Trichromacy



Original Color

190.3510, 14.6170, 25.1252

Protanomaly

187.9460, 18.7606, 2.6784

Deuteranomaly

189.2520, 14.6658, 9.4260

Tritanomaly

189.5220, 5.1657, 23.2212

Monochromacy



Original Color

190.3510, 14.6170, 25.1252

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.4340, 5.2090, 9.2664

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3510, 14.6170, 25.1252 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(219, 170, 220)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 220)  
}
```

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(219, 170, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 220) }
```

Border

The CSS property to change the border of an element to YUV 190.3510, 14.6170, 25.1252 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(219, 170, 220) }
```


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

```
.border{ border-color:rgb(219, 170, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 170, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 190.3510, 14.6170, 25.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 220) }
```

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

```
.background{ background-color: rgb(219,  
170, 220) }
```

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