

Converting Colors

YUV(193.2510, 19.5963,
14.6889)

Have a look what the booklet for
YUV(193.2510, 19.5963, 14.6889)
contains.

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Color

**YUV(193.2510, 19.5963,
14.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B1E9
RGB	210, 177, 233
RGB Percent	82%, 69%, 91%
CMY	0.1765, 0.3059, 0.0863
CMYK	0.10, 0.24, 0.00, 0.09
HSL	275°, 56%, 80%
HSV	275°, 24%, 91%
XYZ	57.0085, 51.0291, 83.9357
YIQ	193.2510, 1.6920, 24.4120

Conversions

Conversions Part 2

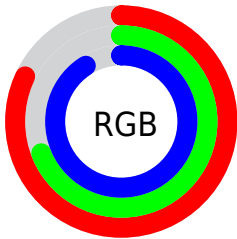
Format	Color
R _{YB}	210, 177, 233
Decimal	13808105
CIE _{Lab}	76.70, 22.11, -23.56
CIE _{LCh}	77, 32.313, 313.184
Yxy	51.0291, 0.2970, 0.2658
Android (android.graphics.Color)	4291998185 (0xFFD2B1E9)
YUV	193.2510, 19.5963, 14.6889
Hunter-Lab	71.4347, 17.4413, -19.6615

Details

The YUV color **193.2510, 19.5963, 14.6889** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **216.7490, -19.5963, -14.6889**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **139.3110, 18.5807, 13.7593** is the 20% darker color. If you saturate the color by 10%, you get **176.7600, 27.7263, 20.3815**, and if you desaturate by 10%, it is **209.7420, 11.4662, 8.9963**.

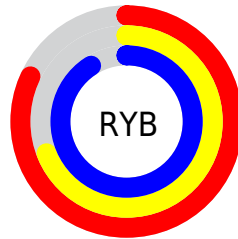
Distribution



Red (82%)

Green (69%)

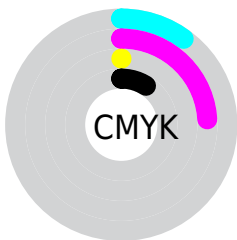
Blue (91%)



Red (82%)

Yellow (69%)

Blue (91%)

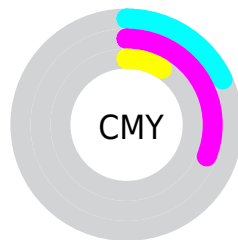


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (18%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.2510, 19.5963, 14.6889 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 193.2510, 19.5963, 14.6889 by changing the saturation by 10% instead.


 193.2510, 19.5963,
14.6889


 193.2510, 19.5963,
14.6889


255.0000, 0.0000,
0.0000


 165.8380, 19.3069,
14.1741


 242.0860, 6.3666,
11.3256

 139.3110, 18.5807,
13.7593

 113.7840, 17.8545,
13.3444

 88.9580, 17.2757,
12.3148

 65.1320, 16.6969,
11.2852

 42.6050, 15.9707,
10.8704

 20.7790, 15.3920,

9.8408

■ 3.5340, 13.5407,
-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 193.2510, 19.5963,
14.6889

■ 193.2510, 19.5963,
14.6889

■ 176.7600, 27.7263,
20.3815

■ 209.7420, 11.4662,
8.9963

■ 159.9810, 35.9984,
27.2037

■ 226.5210, 3.1941,
2.1741

■ 143.4900, 44.1284,
32.8963

■ 243.0120, -4.9359,
-3.5185

■ 127.2980, 52.1111,
39.2037

■ 250.3990, -8.5777,
-2.1039

■ 110.8070, 60.2411,
44.8963

■ 252.4920, -9.6096,
2.1995

■ 94.0280, 68.5132,
51.7184

■ 77.5370, 76.6433,
57.4111

■ 67.5250, 81.5792,
60.9296

Harmonies

Analogous

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



189.3440, 28.4244, -16.9647



193.2510, 19.5963, 14.6889



193.9630, 6.4272, 38.6204

Triad

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



193.2510, 19.5963, 14.6889



189.2710, -27.7416, 31.3343



173.8500, 13.8780, -64.7664

Complementary

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



193.2510, 19.5963, 14.6889



216.7490, -19.5963, -14.6889

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.



178.4000, -3.6482, -43.3238



193.2510, 19.5963, 14.6889



186.5410, -27.3817, 9.1725

Square

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



193.2510, 19.5963, 14.6889



191.0200, -20.2229, 46.4635



182.9660, -18.7172, -16.6332



173.9710, 27.1293, -68.3806

Rectangle

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



193.2510, 19.5963, 14.6889



193.2000, -3.0566, 47.1826



182.9660, -18.7172, -16.6332



175.1020, 8.3307, -58.8485

Sweetspot

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



193.2510, 19.5963, 14.6889



242.3410, 6.2409, 4.9629



196.8850, 17.8047, -17.4391



120.0480, 3.9203, 2.5889



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.



193.2510, 19.5963, 14.6889



202.5920, 25.8371, 19.6518



199.5580, 14.0219, 29.3286



109.0480, 3.9203, 2.5889



52.6270, 63.2879, 47.6851



15.7240, 18.8701, 14.2741

Inverse Universe

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



196.3660, 1.7916, 32.1280



206.5460, 2.1958, 42.4942



210.4420, -14.0219, -29.3286



109.7450, 0.1257, 6.3626



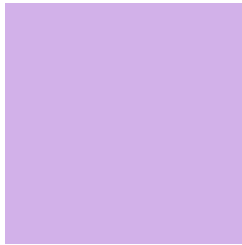
62.5550, 5.6424, 103.8763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 193.2510, 19.5963, 14.6889 looks on a white background.

Color Contrast Check

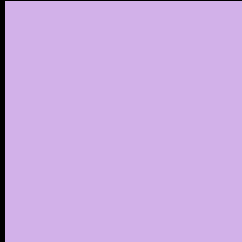
Large Text (above 18pt) WCAG AA × Fail

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 193.2510, 19.5963, 14.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

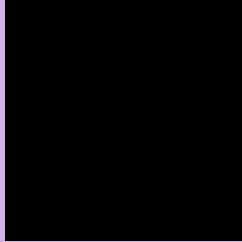
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.2510, 19.5963, 14.6889

Background



This preview shows how black text looks on a background with the YUV color 193.2510, 19.5963, 14.6889.



This preview shows how white text looks on a background with the YUV color 193.2510, 19.5963,

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

193.2510, 19.5963, 14.6889

Protanopia

189.7530, 24.7718, -12.0614

Deuteranopia

190.8420, 19.7979, -3.3694



Tritanopia

190.9890, 3.4564, 11.4106

Trichromacy



Original Color

193.2510, 19.5963, 14.6889

Protanomaly

190.6510, 22.8501, -2.3249

Deuteranomaly

191.5870, 19.9236, 2.9932

Tritanomaly

191.8950, 9.4188, 12.3701

Monochromacy



Original Color

193.2510, 19.5963, 14.6889

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2510, 19.5963, 14.6889 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(210, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(210, 177, 233)  
}
```

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(210, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 177, 233) }
```

Border

The CSS property to change the border of an element to YUV 193.2510, 19.5963, 14.6889 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(210, 177, 233) }
```


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

```
.border{ border-color:rgb(210, 177, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(210, 177,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 193.2510, 19.5963, 14.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 177, 233) }
```

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

```
.background{ background-color: rgb(210,  
177, 233) }
```

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](#).

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