

Converting Colors

YUV(190.4500, 14.5681,
40.8243)

Have a look what the booklet for
YUV(190.4500, 14.5681, 40.8243)
contains.

YUV(190.4500, 14.5681, 40.8243)	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(190.4500, 14.5681,
40.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA1DC
RGB	237, 161, 220
RGB Percent	93%, 63%, 86%
CMY	0.0706, 0.3686, 0.1373
CMYK	0.00, 0.32, 0.07, 0.07
HSL	313°, 68%, 78%
HSV	313°, 32%, 93%
XYZ	60.5882, 48.6616, 73.9094
YIQ	190.4500, 26.3570, 34.4610

Conversions

Conversions Part 2

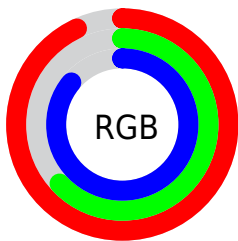
Format	Color
R _{YB}	237, 161, 220
Decimal	15573468
CIE _{Lab}	75.24, 37.04, -18.46
CIE _{LCh}	75, 41.383, 333.510
Yxy	48.6616, 0.3308, 0.2657
Android (android.graphics.Color)	4293763548 (0xFFEDA1DC)
YUV	190.4500, 14.5681, 40.8243
Hunter-Lab	69.7578, 32.9600, -13.9881

Details

The YUV color **190.4500, 14.5681, 40.8243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.5500, -14.5681, -40.8243**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **136.0260, 14.2842, 38.5652** is the 20% darker color. If you saturate the color by 10%, you get **175.7920, 19.3295, 53.6794**, and if you desaturate by 10%, it is **205.1080, 9.8068, 27.9693**.

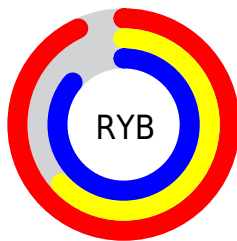
Distribution



Red (93%)

Green (63%)

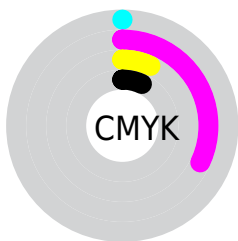
Blue (86%)



Red (93%)

Yellow (63%)

Blue (86%)

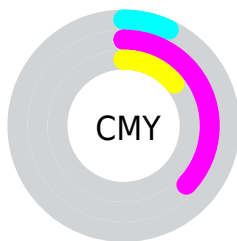


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (37%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4500, 14.5681, 40.8243 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 190.4500, 14.5681, 40.8243 by changing the saturation by 10% instead.

 190.4500, 14.5681,
40.8243


 190.4500, 14.5681,
40.8243


255.0000, 0.0000,
0.0000


 162.7380, 14.4262,
39.6948


 232.6940, 10.9969,
19.5624


 136.0260, 14.2842,
38.5652

 249.1300, 2.8939,
5.1480

 110.2000, 13.7054,
37.5356

 84.6020, 14.0002,
36.3060

 59.3030, 14.1476,
35.6913

 32.4710, 16.0368,
36.4209

 19.8520, 11.4120,

26.4398

■ 9.9830, 5.9244,
13.1699

■ 0.0000, 0.0000,
0.0000

■ 190.4500, 14.5681,
40.8243

■ 190.4500, 14.5681,
40.8243

■ 175.7920, 19.3295,
53.6794

■ 205.1080, 9.8068,
27.9693

■ 161.6070, 23.3647,
66.1197

■ 219.2930, 5.7716,
15.5290

■ 146.9490, 28.1261,
78.9747

■ 233.9510, 1.0102,
2.6740

■ 132.2910, 32.8875,
91.8298

■ 248.0220, -3.4618,
-9.6663

■ 117.5190, 37.2121,
104.7848

■ 248.7060, -0.8411,
-10.2662

■ 103.4480, 41.6841,
117.1251

■ 249.2760, 1.3429,
-10.7661

■ 91.8390, 45.4354,
127.3062

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



188.8290, 29.6643, 5.4120



190.4500, 14.5681, 40.8243



187.9780, -2.9472, 58.7783

Triad

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



190.4500, 14.5681, 40.8243



181.9140, -36.4396, 21.1234



145.5120, 39.6806, -127.6140

Complementary

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



190.4500, 14.5681, 40.8243



207.5500, -14.5681, -40.8243

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.



161.3050, 13.6536, -86.2135



190.4500, 14.5681, 40.8243



177.4800, -28.3376, -10.9450

Square

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



190.4500, 14.5681, 40.8243



184.9910, -33.0266, 46.4889



171.8420, -10.7681, -46.3424



164.2040, 43.7764, -87.8789

Rectangle

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



190.4500, 14.5681, 40.8243



186.3020, -14.4459, 60.2481



171.8420, -10.7681, -46.3424



145.9270, 33.5600, -124.4700

Sweetspot

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



190.4500, 14.5681, 40.8243



239.6410, 4.6140, 13.4698



174.4480, 30.8381, 2.2381



118.1520, 2.8831, 8.6367



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.



190.4500, 14.5681, 40.8243



195.5530, 18.4614, 52.1350



186.2320, -1.5934, 44.5235



110.3150, 2.3097, 5.8627



70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Inverse Universe

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



190.4500, 14.5681, 40.8243



195.5530, 18.4614, 52.1350



211.7680, 1.5934, -44.5235



110.3150, 2.3097, 5.8627



70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 190.4500, 14.5681, 40.8243 looks on a white background.

Color Contrast Check

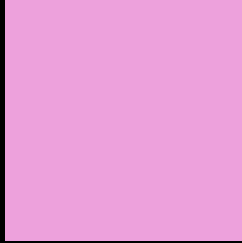
Large Text (above 18pt) WCAG AA × Fail

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 190.4500, 14.5681, 40.8243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

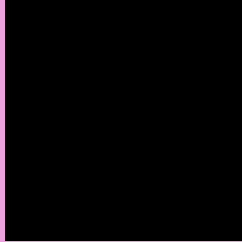
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4500, 14.5681, 40.8243

Background



This preview shows how black text looks on a background with the YUV color 190.4500, 14.5681, 40.8243.



This preview shows how white text looks on a background with the YUV color 190.4500, 14.5681,

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

190.4500, 14.5681, 40.8243

Protanopia

186.6390, 24.3350, -11.9614

Deuteranopia

187.3820, 14.1087, 1.4190



Tritanopia

188.6180, -3.7557, 38.0460

Trichromacy



Original Color

190.4500, 14.5681, 40.8243



Protanomaly

188.1360, 20.6390, 6.8967



Deuteranomaly

188.4700, 14.0653, 15.3738



Tritanomaly

189.0510, 2.9329, 39.4203

Monochromacy



Original Color

190.4500, 14.5681, 40.8243



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.8800, 5.4822, 15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4500, 14.5681, 40.8243 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(237, 161, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 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(237, 161, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 220) }
```

Border

The CSS property to change the border of an element to YUV 190.4500, 14.5681, 40.8243 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(237, 161, 220) }
```


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

```
.border{ border-color:rgb(237, 161, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 190.4500, 14.5681, 40.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 220) }
```

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

```
.background{ background-color: rgb(237,  
161, 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