

Converting Colors

YUV(194.4640, 19.9842,
30.2881)

Have a look what the booklet for
YUV(194.4640, 19.9842, 30.2881)
contains.

YUV(194.4640, 19.9842, 30.2881)	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(194.4640, 19.9842,
30.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A9EB
RGB	229, 169, 235
RGB Percent	90%, 66%, 92%
CMY	0.1020, 0.3373, 0.0784
CMYK	0.03, 0.28, 0.00, 0.08
HSL	295°, 62%, 79%
HSV	295°, 28%, 92%
XYZ	61.4965, 51.0321, 85.2062
YIQ	194.4640, 14.5740, 33.2460

Conversions

Conversions Part 2

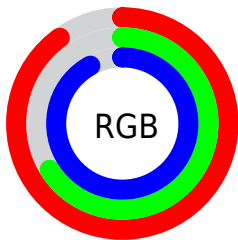
Format	Color
R _Y B	229, 169, 235
Decimal	15051243
CIE _{Lab}	76.70, 32.89, -24.48
CIE _{LCh}	77, 41.001, 323.343
Yxy	51.0321, 0.3110, 0.2581
Android (android.graphics.Color)	4293241323 (0xFFE5A9EB)
YUV	194.4640, 19.9842, 30.2881
Hunter-Lab	71.4368, 28.6477, -20.7124

Details

The YUV color **194.4640, 19.9842, 30.2881** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.5360, -19.9842, -30.2881**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.6817, 15.4440**, and **140.2250, 19.1161, 28.7437** is the 20% darker color. If you saturate the color by 10%, you get **180.3650, 26.9351, 40.8989**, and if you desaturate by 10%, it is **209.1500, 12.7440, 19.1624**.

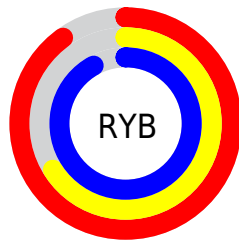
Distribution



Red (90%)

Green (66%)

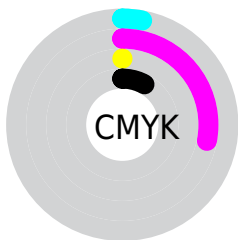
Blue (92%)



Red (90%)

Yellow (66%)

Blue (92%)

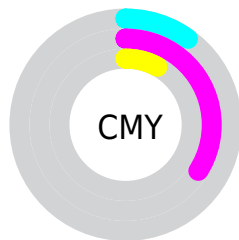


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (10%)


Magenta (34%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.4640, 19.9842, 30.2881 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 194.4640, 19.9842, 30.2881 by changing the saturation by 10% instead.


 194.4640, 19.9842,
30.2881

 194.4640, 19.9842,
30.2881


255.0000, 0.0000,
0.0000


 167.0510, 19.6949,
29.7733


 237.3900, 8.6817,
15.4440


 140.2250, 19.1161,
28.7437

254.4130, 0.2894,
0.5148

 114.3990, 18.5373,
27.7141

 88.6870, 18.3953,
26.5845

 64.8610, 17.8165,
25.5549

 40.5620, 17.9639,
24.9401

 19.6110, 16.9538,

22.2662

■ 10.2260, 10.7346,
10.3258

■ 0.4560, 1.7472,
-0.3999

■ 194.4640, 19.9842,
30.2881

■ 194.4640, 19.9842,
30.2881

■ 180.3650, 26.9351,
40.8989

■ 209.1500, 12.7440,
19.1624

■ 165.6790, 34.1753,
52.0245

■ 223.2490, 5.7932,
8.5516

■ 150.9930, 41.4155,
63.1501

■ 237.9350, -1.4470,
-2.5740

■ 136.5950, 48.5137,
73.1462

■ 247.6370, -6.2300,
-8.4516

122.4960, 55.4645,
83.7570

248.2350, -6.5249,
-7.2221

107.8100, 62.7047,
94.8826

248.8330, -6.8197,
-5.9925

93.1240, 69.9449,
106.0083

249.4310, -7.1145,
-4.7630

90.7760, 71.1024,
108.0674

250.0290, -7.4093,
-3.5334

250.6270, -7.7041,
-2.3039

Harmonies

Analogous

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



190.6100, 31.7443, -8.4280



194.4640, 19.9842, 30.2881



192.8510, 3.0315, 54.5047

Triad

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



194.4640, 19.9842, 30.2881



187.3820, -36.1773, 30.3600



156.5050, 30.3170, -110.9449

Complementary

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



194.4640, 19.9842, 30.2881



209.5360, -19.9842, -30.2881

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.



169.7000, 4.5849, -70.7739



194.4640, 19.9842, 30.2881



183.5200, -32.3014, 0.4210

Square

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



194.4640, 19.9842, 30.2881



189.9470, -29.5539, 52.6665



178.4970, -17.5000, -33.7619



163.0730, 42.3620, -100.9190

Rectangle

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



194.4640, 19.9842, 30.2881



190.0010, -7.8885, 57.0041



178.4970, -17.5000, -33.7619



161.8890, 21.2537, -97.2497

Sweetspot

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



194.4640, 19.9842, 30.2881



242.6620, 6.0826, 9.0664



180.6330, 26.8029, -10.2021



119.7710, 4.0569, 5.4628



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.



194.4640, 19.9842, 30.2881



201.5390, 26.3563, 39.8693



193.2940, 7.7431, 36.5762



110.2440, 3.3307, 5.0480



69.9690, 54.7383, 83.3422



20.8070, 16.3641, 24.7253

Inverse Universe

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



189.4180, -7.1081, 39.9754



194.9250, -9.3300, 52.6858



210.7060, -7.7431, -36.5762



109.4030, -1.1847, 6.6626



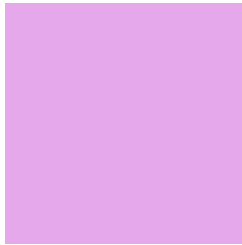
55.9430, -19.6919, 109.6750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 194.4640, 19.9842, 30.2881 looks on a white background.

Color Contrast Check

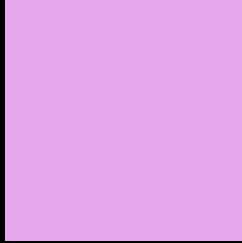
Large Text (above 18pt) WCAG AA × Fail

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 194.4640, 19.9842, 30.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

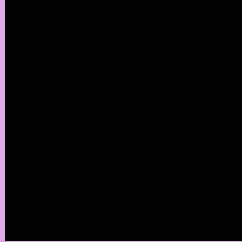
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.4640, 19.9842, 30.2881

Background



This preview shows how black text looks on a background with the YUV color 194.4640, 19.9842, 30.2881.



This preview shows how white text looks on a background with the YUV color 194.4640, 19.9842, 30.2881.

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

194.4640, 19.9842, 30.2881

Protanopia

189.7680, 28.7084, -14.7055

Deuteranopia

191.5430, 19.9453, -3.9842



Tritanopia

192.3500, -0.6655, 26.8801

Trichromacy



Original Color

194.4640, 19.9842, 30.2881



Protanomaly

191.0690, 25.6020, 1.6935



Deuteranomaly

192.6200, 19.9073, 8.2263



Tritanomaly

193.0110, 6.8966, 28.0544

Monochromacy



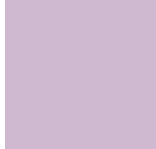
Original Color

194.4640, 19.9842, 30.2881



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.3140, 7.2402, 11.1256

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4640, 19.9842, 30.2881 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(229, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(229, 169, 235)  
}
```

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(229, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 169, 235) }
```

Border

The CSS property to change the border of an element to YUV 194.4640, 19.9842, 30.2881 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(229, 169, 235) }
```


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

```
.border{ border-color:rgb(229, 169, 235) }
```

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

Here you see how a box with a 4 pixel rgb(229, 169, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 169,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 194.4640, 19.9842, 30.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 169, 235) }
```

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

```
.background{ background-color: rgb(229,  
169, 235) }
```

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