

Converting Colors

YUV(194.5010, 20.4590,
17.9776)

Have a look what the booklet for
YUV(194.5010, 20.4590, 17.9776)
contains.

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Color

**YUV(194.5010, 20.4590,
17.9776)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B0EC
RGB	215, 176, 236
RGB Percent	84%, 69%, 93%
CMY	0.1569, 0.3098, 0.0745
CMYK	0.09, 0.25, 0.00, 0.07
HSL	279°, 61%, 81%
HSV	279°, 25%, 93%
XYZ	58.6900, 51.5539, 86.2145
YIQ	194.5010, 3.9840, 26.9280

Conversions

Conversions Part 2

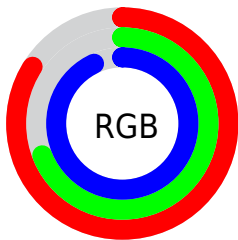
Format	Color
R _Y B	215, 176, 236
Decimal	14135532
CIE Lab	77.01, 24.85, -24.66
CIE LCh	77, 35.012, 315.225
Yxy	51.5539, 0.2987, 0.2624
Android (android.graphics.Color)	4292325612 (0xFFD7B0EC)
YUV	194.5010, 20.4590, 17.9776
Hunter-Lab	71.8010, 20.2537, -20.9313

Details

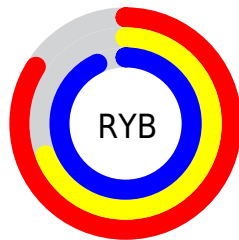
The YUV color $194.5010, 20.4590, 17.9776$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $217.4990, -20.4590, -17.9776$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4990, 6.6560, 11.8404$, and $140.5610, 19.4434, 17.0480$ is the 20% darker color. If you saturate the color by 10%, you get $178.0210, 28.5836, 25.4146$, and if you desaturate by 10%, it is $210.9810, 12.3344, 10.5407$.

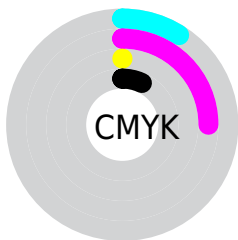
Distribution



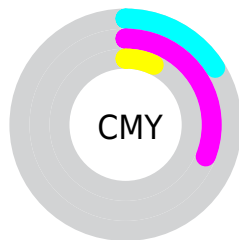
- Red (84%)
- Green (69%)
- Blue (93%)



- Red (84%)
- Yellow (69%)
- Blue (93%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.5010, 20.4590, 17.9776 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 194.5010, 20.4590, 17.9776 by changing the saturation by 10% instead.


 194.5010, 20.4590,
17.9776


 194.5010, 20.4590,
17.9776


255.0000, 0.0000,
0.0000


 167.0880, 20.1696,
17.4628


 241.4990, 6.6560,
11.8404

 140.5610, 19.4434,
17.0480

 114.7350, 18.8646,
16.0184

 89.9090, 18.2859,
14.9888

 66.0830, 17.7071,
13.9592

 42.6700, 17.4177,
13.4444

 20.7300, 16.4021,

12.5148

■ 6.1540, 13.2351,
1.6189

■ 0.6840, 2.6208,
-0.5999

■ 194.5010, 20.4590,
17.9776

■ 194.5010, 20.4590,
17.9776

■ 178.0210, 28.5836,
25.4146

■ 210.9810, 12.3344,
10.5407

■ 161.8290, 36.5663,
31.7220

■ 227.1730, 4.3517,
4.2333

■ 145.3490, 44.6909,
39.1589

■ 243.6530, -3.7729,
-3.2037

■ 129.4560, 52.5262,
46.0811

■ 250.7410, -7.2673,
-2.4039

■ 112.9760, 60.6508,
53.5180

■ 252.8340, -8.2992,
1.8996

■ 96.1970, 68.9229,
60.3402

■ 80.3040, 76.7581,
67.2624

■ 72.6510, 80.5311,
70.4661

Harmonies

Analogous

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



190.5120, 30.3136, -16.2350



194.5010, 20.4590, 17.9776



194.6970, 6.5584, 43.2387

Triad

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



194.5010, 20.4590, 17.9776



189.8860, -30.5098, 32.5490



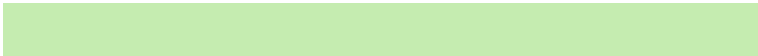
171.5930, 16.9627, -74.1881

Complementary

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



194.5010, 20.4590, 17.9776



217.4990, -20.4590, -17.9776

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.



177.4100, -2.1741, -49.4716



194.5010, 20.4590, 17.9776



186.3730, -29.2709, 8.4429

Square

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



194.5010, 20.4590, 17.9776



191.7600, -22.5597, 49.3225



182.5310, -18.9958, -20.6367



172.2410, 30.9402, -77.3874

Rectangle

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



194.5010, 20.4590, 17.9776



194.2930, -4.0884, 51.4860



182.5310, -18.9958, -20.6367



173.3290, 10.6838, -66.9405

Sweetspot

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



194.5010, 20.4590, 17.9776



241.1670, 6.8197, 5.9925



195.1670, 20.1307, -16.8095



118.8740, 4.4991, 3.6185



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.



194.5010, 20.4590, 17.9776



200.2550, 26.9893, 23.4554



199.7540, 13.4323, 31.7877



109.3470, 3.7729, 3.2037



55.9160, 61.6664, 54.4477



16.6210, 18.4278, 16.1184

Inverse Universe

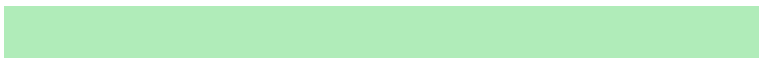
The Inverse Universe completely reimagines the original color for something new.



196.3340, 0.3283, 34.7871



202.8130, 0.5852, 45.7680



212.2460, -13.4323, -31.7877



109.7450, 0.1257, 6.3626



61.3010, 0.8376, 104.9760



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 194.5010, 20.4590, 17.9776 looks on a white background.

Color Contrast Check

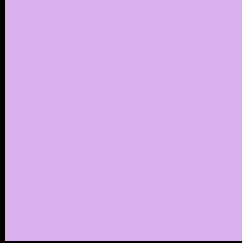
Large Text (above 18pt) WCAG AA × Fail

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 194.5010, 20.4590, 17.9776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

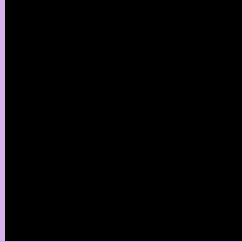
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.5010, 20.4590, 17.9776

Background



This preview shows how black text looks on a background with the YUV color 194.5010, 20.4590, 17.9776.



This preview shows how white text looks on a background with the YUV color 194.5010, 20.4590,

17.9776.

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

194.5010, 20.4590, 17.9776

Protanopia

190.9100, 26.6664, -13.0761

Deuteranopia

191.7710, 20.8189, -4.1842



Tritanopia

192.3700, 2.2826, 14.5845

Trichromacy



Original Color

194.5010, 20.4590, 17.9776

Protanomaly

192.4060, 24.4498, -2.1101

Deuteranomaly

192.5270, 20.9392, 3.9228

Tritanomaly

192.8030, 8.9711, 15.9588

Monochromacy



Original Color

194.5010, 20.4590, 17.9776

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.5010, 20.4590, 17.9776 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(215, 176, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 236)  
}
```

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(215, 176, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 236) }
```

Border

The CSS property to change the border of an element to YUV 194.5010, 20.4590, 17.9776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

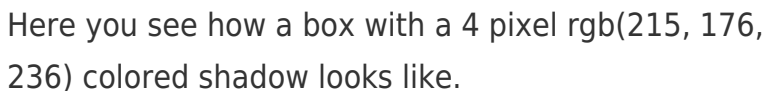
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 176, 236) }
```


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

```
.border{ border-color:rgb(215, 176, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 176, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 176, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 176, 236); box-shadow:4px 4px 4px 4px rgb(215, 176, 236) }
```

Background

The CSS property to change the background color of an element to YUV 194.5010, 20.4590, 17.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 236) }
```

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

```
.background{ background-color: rgb(215,  
176, 236) }
```

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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