

Converting Colors

YUV(194.1820, 14.2073,
16.5034)

Have a look what the booklet for
YUV(194.1820, 14.2073, 16.5034)
contains.

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Color

**YUV(194.1820, 14.2073,
16.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B3DF
RGB	213, 179, 223
RGB Percent	84%, 70%, 87%
CMY	0.1647, 0.2980, 0.1255
CMYK	0.04, 0.20, 0.00, 0.13
HSL	286°, 41%, 79%
HSV	286°, 20%, 87%
XYZ	56.8800, 51.7140, 76.7959
YIQ	194.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

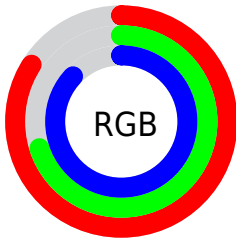
Format	Color
R _Y B	213, 179, 223
Decimal	14005215
CIE Lab	77.11, 20.02, -17.49
CIE LCh	77, 26.584, 318.846
Yxy	51.7140, 0.3068, 0.2789
Android (android.graphics.Color)	4292195295 (0xFFD5B3DF)
YUV	194.1820, 14.2073, 16.5034
Hunter-Lab	71.9125, 15.3397, -12.9776

Details

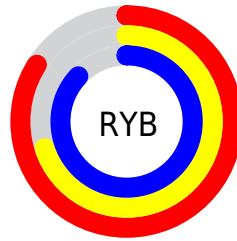
The YUV color $194.1820, 14.2073, 16.5034$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.8180, -14.2073, -16.5034$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $140.3560, 13.6285, 15.4738$ is the 20% darker color. If you saturate the color by 10%, you get $179.7730, 21.3109, 24.7551$, and if you desaturate by 10%, it is $208.5910, 7.1036, 8.2517$.

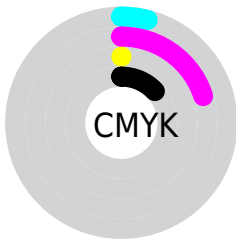
Distribution



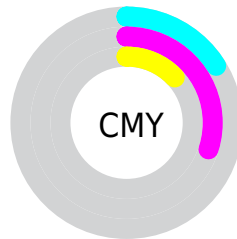
- Red (84%)
- Green (70%)
- Blue (87%)



- Red (84%)
- Yellow (70%)
- Blue (87%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.1820, 14.2073, 16.5034 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 194.1820, 14.2073, 16.5034 by changing the saturation by 10% instead.

■ 194.1820, 14.2073,
16.5034

■ 194.1820, 14.2073,
16.5034

255.0000, 0.0000,
0.0000

■ 166.7690, 13.9179,
15.9886

■ 243.2600, 5.7878,
10.2960

■ 140.3560, 13.6285,
15.4738

■ 114.8290, 12.9023,
15.0590

■ 90.1170, 12.7603,
13.9294

■ 66.5900, 12.0341,
13.5146

■ 43.7640, 11.4553,
12.4850

■ 22.3510, 11.1660,

11.9702

■ 4.2310, 9.7461,
0.6744

■ 0.0000, 0.0000,
0.0000

■ 194.1820, 14.2073,
16.5034

■ 194.1820, 14.2073,
16.5034

■ 179.7730, 21.3109,
24.7551

■ 208.5910, 7.1036,
8.2517

■ 164.7770, 28.7039,
33.5216

■ 223.5870, -0.2894,
-0.5148

■ 150.3680, 35.8076,
41.7733

■ 237.9960, -7.3930,
-8.7665

■ 135.9590, 42.9112,
50.0250

■ 244.7740,
-10.7346, -10.3258

■ 120.9630, 50.3042,
58.7914

■ 246.2690,
-11.4716, -7.2519

■ 106.5540, 57.4079,
67.0431

■ 247.7640,
-12.2087, -4.1780

■ 92.1450, 64.5115,
75.2948

■ 249.2590,
-12.9457, -1.1041

■ 77.4370, 71.7626,
82.9318

■ 251.0530,
-13.8301, 2.5845

■ 76.8500, 72.0520,
83.4466

■ 251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



191.2050, 22.5769, -8.0728



194.1820, 14.2073, 16.5034



194.4310, 3.2385, 34.7020

Triad

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



194.1820, 14.2073, 16.5034



190.3670, -23.3519, 23.3571



178.9980, 12.8190, -51.7412

Complementary

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



194.1820, 14.2073, 16.5034



207.8180, -14.2073, -16.5034

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.



181.5300, -0.7543, -38.1758



194.1820, 14.2073, 16.5034



187.7020, -21.5451, 3.7693

Square

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



194.1820, 14.2073, 16.5034



192.3070, -18.8854, 37.4418



184.3340, -13.4757, -17.8329



180.6420, 22.8545, -50.5520

Rectangle

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



194.1820, 14.2073, 16.5034



194.2870, -5.0715, 40.0903



184.3340, -13.4757, -17.8329



179.2820, 8.7350, -48.4823

Sweetspot

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



194.1820, 14.2073, 16.5034



245.2980, 4.7831, 5.8777



189.8860, 16.3252, -9.5470



121.8200, 3.0467, 2.7889



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.



194.1820, 14.2073, 16.5034



215.0070, 19.7165, 22.7959



195.8040, 7.4916, 23.8509



104.9450, 3.4781, 4.4332



60.7280, 56.8291, 66.0135



16.5350, 15.5122, 17.9478

Inverse Universe

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



193.2960, -2.1179, 26.0504



213.8350, -2.8767, 36.1017



206.1960, -7.4916, -23.8509



104.6310, -0.3111, 6.4626



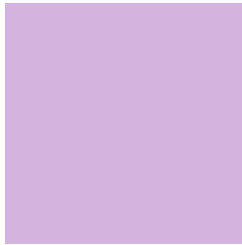
57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 194.1820, 14.2073, 16.5034 looks on a white background.

Color Contrast Check

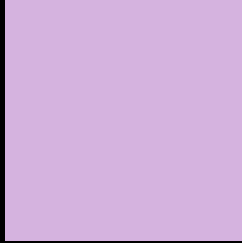
Large Text (above 18pt) WCAG AA × Fail

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 194.1820, 14.2073, 16.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

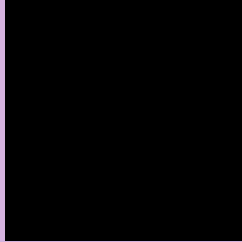
Any Text WCAG AA ✓ Pass

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 194.1820, 14.2073, 16.5034 Background



This preview shows how black text looks on a background with the YUV color 194.1820, 14.2073, 16.5034.



This preview shows how white text looks on a background with the YUV color 194.1820, 14.2073,

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

194.1820, 14.2073, 16.5034

Protanopia

191.5810, 18.9406, -8.4025

Deuteranopia

192.4960, 14.5455, 1.3190



Tritanopia

192.4840, 2.7194, 14.4845

Trichromacy



Original Color

194.1820, 14.2073, 16.5034

Protanomaly

192.1800, 17.1663, 0.7191

Deuteranomaly

192.8280, 14.3818, 7.1668

Tritanomaly

193.2220, 6.7926, 14.7143

Monochromacy



Original Color

194.1820, 14.2073, 16.5034

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.1820, 14.2073, 16.5034 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(213, 179, 223)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 223)  
}
```

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(213, 179, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 223) }
```

Border

The CSS property to change the border of an element to YUV 194.1820, 14.2073, 16.5034 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(213, 179, 223) }
```


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

```
.border{ border-color:rgb(213, 179, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 194.1820, 14.2073, 16.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 223) }
```

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

```
.background{ background-color: rgb(213,  
179, 223) }
```

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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