

Converting Colors

YUV(202.2170, 24.5430,
14.7187)

Have a look what the booklet for
YUV(202.2170, 24.5430, 14.7187)
contains.

YUV(202.2170, 24.5430, 14.7187)	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(202.2170, 24.5430,
14.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB8FC
RGB	219, 184, 252
RGB Percent	86%, 72%, 99%
CMY	0.1412, 0.2784, 0.0118
CMYK	0.13, 0.27, 0.00, 0.01
HSL	271°, 92%, 85%
HSV	271°, 27%, 99%
XYZ	63.9246, 56.3693, 99.6066
YIQ	202.2170, -0.9680, 28.5680

Conversions

Conversions Part 2

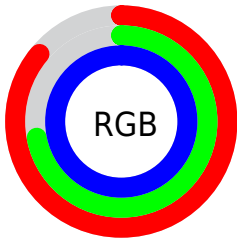
Format	Color
R _Y B	219, 184, 252
Decimal	14399740
CIE Lab	79.82, 25.04, -28.94
CIE LCh	80, 38.268, 310.870
Yxy	56.3693, 0.2907, 0.2563
Android (android.graphics.Color)	4292589820 (0xFFDDBB8FC)
YUV	202.2170, 24.5430, 14.7187
Hunter-Lab	75.0795, 20.5903, -26.1033

Details

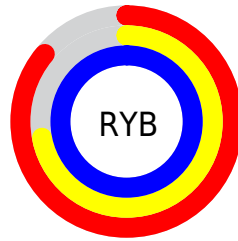
The YUV color **202.2170, 24.5430, 14.7187** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **233.7830, -24.5430, -14.7187**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1950, 4.3409, 7.7220**, and **147.8640, 23.2380, 13.2743** is the 20% darker color. If you saturate the color by 10%, you get **183.9540, 33.5467, 20.2113**, and if you desaturate by 10%, it is **220.4800, 15.5394, 9.2260**.

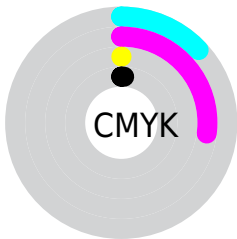
Distribution



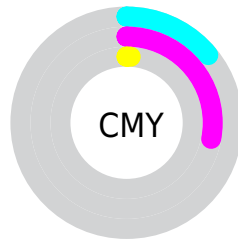
- Red (86%)
- Green (72%)
- Blue (99%)



- Red (86%)
- Yellow (72%)
- Blue (99%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.2170, 24.5430, 14.7187 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 202.2170, 24.5430, 14.7187 by changing the saturation by 10% instead.


 202.2170, 24.5430,
14.7187

 202.2170, 24.5430,
14.7187


255.0000, 0.0000,
0.0000


 174.6900, 23.8168,
14.3039


 246.1950, 4.3409,
7.7220

 147.8640, 23.2380,
13.2743

 121.7500, 22.8012,
13.3742

 96.8100, 21.7857,
12.4446

 71.9840, 21.2069,
11.4150

 49.1580, 20.6281,
10.3854

 26.9190, 19.7599,

8.8410

■ 11.1100, 16.7078,
7.7965

■ 3.2090, 9.7570,
-2.8143

■ 202.2170, 24.5430,
14.7187

■ 202.2170, 24.5430,
14.7187

■ 183.9540, 33.5467,
20.2113

■ 220.4800, 15.5394,
9.2260

■ 165.6910, 42.5503,
25.7040

■ 238.7430, 6.5357,
3.7334

■ 146.5420, 51.9908,
31.0967

254.6580, -1.3104,
0.2999

■ 128.2790, 60.9945,
36.5893

■ 110.0160, 69.9981,
42.0820

■ 91.7530, 79.0018,
47.5746

■ 73.1910, 88.1528,
52.4525

■ 67.5980, 90.9102,
54.7266

Harmonies

Analogous

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



195.2400, 29.4617, -23.0125



202.2170, 24.5430, 14.7187



203.0930, 9.3212, 43.7684

Triad

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



202.2170, 24.5430, 14.7187



197.6480, -32.8575, 38.8967



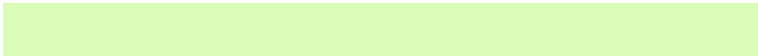
176.4350, 16.5475, -81.0655

Complementary

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



202.2170, 24.5430, 14.7187



233.7830, -24.5430, -14.7187

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.



183.9000, -5.3737, -49.9013



202.2170, 24.5430, 14.7187



194.3690, -33.2129, 12.8314

Square

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



202.2170, 24.5430, 14.7187



196.9990, -21.6915, 50.8669



190.4020, -23.3692, -17.8926



175.1360, 33.4570, -91.3273

Rectangle

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



202.2170, 24.5430, 14.7187



199.1940, -0.5886, 48.9419



190.4020, -23.3692, -17.8926



179.2530, 9.2423, -71.2589

Sweetspot

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



202.2170, 24.5430, 14.7187



240.2700, 7.2619, 4.1482



211.7100, 19.8630, -24.3017



118.2760, 4.7939, 2.3889



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.



202.2170, 24.5430, 14.7187



194.9060, 29.6263, 17.6224



212.0840, 19.6786, 35.0063



115.5750, 4.6465, 3.0037



50.5490, 68.2563, 40.7375



16.2230, 22.0751, 12.9594

Inverse Universe

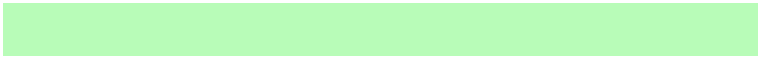
The Inverse Universe completely reimagines the original color for something new.



208.0940, 4.3907, 38.5056



202.0780, 5.3845, 46.4126



223.9160, -19.6786, -35.0063



116.6850, 1.1413, 7.2923



66.9990, 12.3255, 106.9949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 202.2170, 24.5430, 14.7187 looks on a white background.

Color Contrast Check

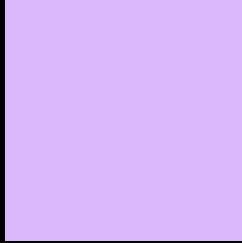
Large Text (above 18pt) WCAG AA × Fail

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 202.2170, 24.5430, 14.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

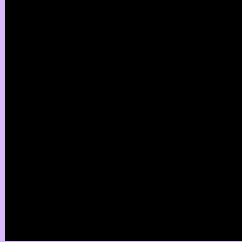
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.2170, 24.5430, 14.7187

Background



This preview shows how black text looks on a background with the YUV color 202.2170, 24.5430, 14.7187.



This preview shows how white text looks on a background with the YUV color 202.2170, 24.5430,

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

202.2170, 24.5430, 14.7187

Protanopia

198.5400, 27.8348, -14.5056

Deuteranopia

199.1880, 25.0503, -8.0579



Tritanopia

199.6900, 3.6038, 10.7959

Trichromacy



Original Color

202.2170, 24.5430, 14.7187

Protanomaly

199.9650, 26.6393, -4.3543

Deuteranomaly

200.2430, 25.0232, 0.6639

Tritanomaly

200.6500, 11.0185, 12.5849

Monochromacy



Original Color

202.2170, 24.5430, 14.7187

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7370, 9.0037, 5.4927

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2170, 24.5430, 14.7187 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(219, 184, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 252)  
}
```

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(219, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 252) }
```

Border

The CSS property to change the border of an element to YUV 202.2170, 24.5430, 14.7187 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(219, 184, 252) }
```


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

```
.border{ border-color:rgb(219, 184, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 202.2170, 24.5430, 14.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 252) }
```

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

```
.background{ background-color: rgb(219,  
184, 252) }
```

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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