

Converting Colors

YUV(202.6370, 17.4340, 8.2114)

Have a look what the booklet for
YUV(202.6370, 17.4340, 8.2114)
contains.

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Color

**YUV(202.6370, 17.4340,
8.2114)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BFEE
RGB	212, 191, 238
RGB Percent	83%, 75%, 93%
CMY	0.1686, 0.2510, 0.0667
CMYK	0.11, 0.20, 0.00, 0.07
HSL	267°, 58%, 84%
HSV	267°, 20%, 93%
XYZ	61.2148, 57.4317, 88.7480
YIQ	202.6370, -2.5710, 19.0690

Conversions

Conversions Part 2

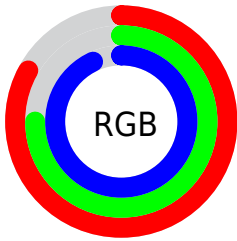
Format	Color
R _Y B	212, 191, 238
Decimal	13942766
CIE Lab	80.42, 16.18, -20.58
CIE LCh	80, 26.179, 308.181
Yxy	57.4317, 0.2952, 0.2769
Android (android.graphics.Color)	4292132846 (0xFFD4BFEE)
YUV	202.6370, 17.4340, 8.2114
Hunter-Lab	75.7837, 11.5631, -16.3841

Details

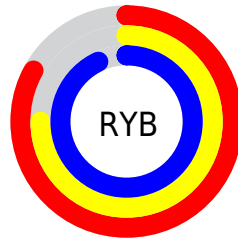
The YUV color $202.6370, 17.4340, 8.2114$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.3630, -17.4340, -8.2114$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $148.6970, 16.4184, 7.2817$ is the 20% darker color. If you saturate the color by 10%, you get $184.6620, 26.2956, 12.5744$, and if you desaturate by 10%, it is $220.6120, 8.5723, 3.8483$.

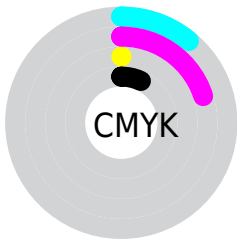
Distribution



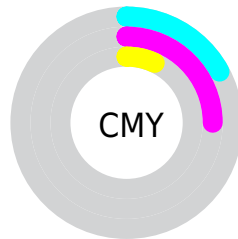
- Red (83%)
- Green (75%)
- Blue (93%)



- Red (83%)
- Yellow (75%)
- Blue (93%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.6370, 17.4340, 8.2114 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 202.6370, 17.4340, 8.2114 by changing the saturation by 10% instead.

■ 202.6370, 17.4340,
8.2114

■ 202.6370, 17.4340,
8.2114

■ 255.0000, 0.0000,
0.0000

■ 175.2240, 17.1446,
7.6966

■ 250.3040, 2.3151,
4.1184

■ 148.6970, 16.4184,
7.2817

■ 122.5830, 15.9816,
7.3817

■ 97.7570, 15.4028,
6.3521

■ 73.6430, 14.9660,
6.4521

■ 50.8170, 14.3872,
5.4225

■ 29.1760, 13.2242,

5.1076

■ 9.0730, 12.7820,
6.9520

■ 1.1400, 4.3680,
-0.9998

■ 202.6370, 17.4340,
8.2114

■ 202.6370, 17.4340,
8.2114

■ 184.6620, 26.2956,
12.5744

■ 220.6120, 8.5723,
3.8483

■ 166.6870, 35.1573,
16.9375

■ 238.5870, -0.2894,
-0.5148

■ 149.2990, 43.7296,
20.7858

■ 251.8660, -6.8359,
-0.7595

■ 131.0250, 52.7387,
24.5341

■ 253.0620, -7.4256,
1.6996

■ 113.0500, 61.6003,
28.8972

■ 95.0750, 70.4620,
33.2602

■ 77.1000, 79.3237,
37.6233

■ 59.7120, 87.8960,
41.4716

■ 58.8260, 88.3328,
41.3716

Harmonies

Analogous

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



198.6060, 24.3512, -17.1945



202.6370, 17.4340, 8.2114



203.7230, 7.0386, 29.1839

Triad

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



202.6370, 17.4340, 8.2114



200.3400, -22.3526, 29.5198



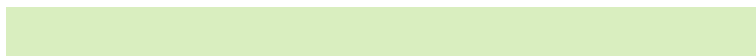
189.4670, 8.1508, -47.7676

Complementary

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



202.6370, 17.4340, 8.2114



226.3630, -17.4340, -8.2114

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.



191.7220, -5.2859, -31.3282



202.6370, 17.4340, 8.2114



197.7030, -23.0246, 11.6615

Square

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



202.6370, 17.4340, 8.2114



201.8280, -15.6912, 39.6158



194.8790, -16.7023, -9.5409



189.4200, 19.5129, -52.1113

Rectangle

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



202.6370, 17.4340, 8.2114



203.4160, -0.6981, 37.3462



194.8790, -16.7023, -9.5409



189.6480, 3.6245, -42.6643

Sweetspot

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



202.6370, 17.4340, 8.2114



243.8030, 5.5201, 2.8038



212.2070, 12.7159, -18.5985



121.2220, 3.3416, 1.5593



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.



202.6370, 17.4340, 8.2114



209.0270, 22.6647, 10.5003



209.5140, 14.0436, 22.3512



110.8630, 4.5045, 1.8741



45.4940, 68.2835, 32.0158



13.8590, 20.7755, 9.7707

Inverse Universe

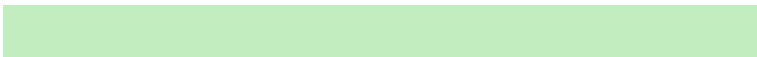
The Inverse Universe completely reimagines the original color for something new.



208.0170, 4.4286, 26.2951



216.1150, 5.8593, 34.1021



219.4860, -14.0436, -22.3512



112.2720, 0.8519, 6.7775



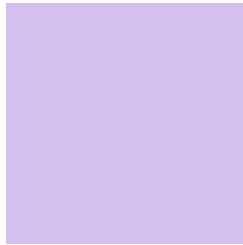
66.6440, 17.4305, 102.9212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 202.6370, 17.4340, 8.2114 looks on a white background.

Color Contrast Check

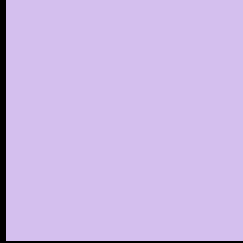
Large Text (above 18pt) WCAG AA × Fail

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 202.6370, 17.4340, 8.2114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

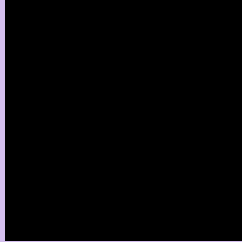
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.6370, 17.4340, 8.2114

Background



This preview shows how black text looks on a background with the YUV color 202.6370, 17.4340, 8.2114.



This preview shows how white text looks on a background with the YUV color 202.6370, 17.4340,

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

202.6370, 17.4340, 8.2114

Protanopia

200.7380, 20.8352, -9.4172

Deuteranopia

201.5820, 17.4611, -0.5104



Tritanopia

201.2980, 4.7831, 5.8777

Trichromacy



Original Color

202.6370, 17.4340, 8.2114

Protanomaly

201.1410, 19.6505, -2.7547

Deuteranomaly

202.1910, 17.1608, 2.4635

Tritanomaly

201.5630, 9.5824, 6.5222

Monochromacy



Original Color

202.6370, 17.4340, 8.2114

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.6370, 17.4340, 8.2114 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(212, 191, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 238)  
}
```

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(212, 191, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 238) }
```

Border

The CSS property to change the border of an element to YUV 202.6370, 17.4340, 8.2114 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(212, 191, 238) }
```


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

```
.border{ border-color:rgb(212, 191, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 202.6370, 17.4340, 8.2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 238) }
```

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

```
.background{ background-color: rgb(212,  
191, 238) }
```

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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