

Converting Colors

YUV(202.0200, 9.8501, 14.0145)

Have a look what the booklet for
YUV(202.0200, 9.8501, 14.0145)
contains.

YUV(202.0200, 9.8501, 14.0145)	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(202.0200, 9.8501,
14.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	DABEDE
RGB	218, 190, 222
RGB Percent	85%, 75%, 87%
CMY	0.1451, 0.2549, 0.1294
CMYK	0.02, 0.14, 0.00, 0.13
HSL	292°, 33%, 81%
HSV	292°, 14%, 87%
XYZ	60.5117, 57.0063, 76.9212
YIQ	202.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

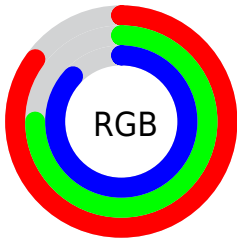
Format	Color
R _{YB}	218, 190, 222
Decimal	14335710
CIE Lab	80.18, 15.55, -12.29
CIE LCh	80, 19.823, 321.676
Yxy	57.0063, 0.3112, 0.2932
Android (android.graphics.Color)	4292525790 (0xFFDABEDE)
YUV	202.0200, 9.8501, 14.0145
Hunter-Lab	75.5025, 10.9300, -7.5524

Details

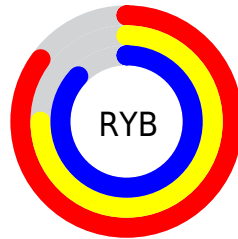
The YUV color $202.0200, 9.8501, 14.0145$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $209.9800, -9.8501, -14.0145$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $148.1940, 9.2714, 12.9849$ is the 20% darker color. If you saturate the color by 10%, you get $188.2090, 16.6590, 23.4957$, and if you desaturate by 10%, it is $215.8310, 3.0413, 4.5332$.

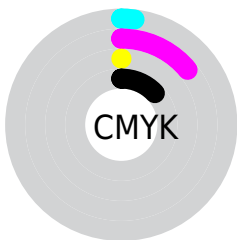
Distribution



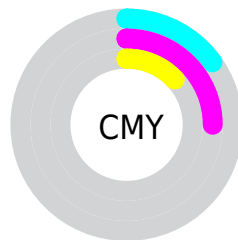
- Red (85%)
- Green (75%)
- Blue (87%)



- Red (85%)
- Yellow (75%)
- Blue (87%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.0200, 9.8501, 14.0145 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 202.0200, 9.8501, 14.0145 by changing the saturation by 10% instead.


 202.0200, 9.8501,
14.0145


 202.0200, 9.8501,
14.0145

255.0000, 0.0000,
0.0000


 174.6070, 9.5607,
13.4997

 249.7170, 2.6045,
4.6332

 148.1940, 9.2714,
12.9849

 122.0800, 8.8346,
13.0848

 97.3680, 8.6926,
11.9553

 72.9550, 8.4032,
11.4405

 50.5420, 8.1138,
10.9257

 28.8300, 7.9718,

9.7961

■ 9.4280, 7.6770,
11.0256

■ 0.0000, 0.0000,
0.0000

■ 202.0200, 9.8501,
14.0145

■ 202.0200, 9.8501,
14.0145

■ 188.2090, 16.6590,
23.4957

■ 215.8310, 3.0413,
4.5332

■ 174.3980, 23.4678,
32.9770

■ 229.6420, -3.7675,
-4.9480

■ 160.2990, 30.4186,
43.5878

■ 242.5670,
-10.1395, -14.5293

■ 146.4880, 37.2274,
53.0690

■ 243.4640,
-10.5818, -12.6849

132.6770, 44.0362,
62.5503

244.3610,
-11.0240, -10.8406

118.8660, 50.8451,
72.0315

245.2580,
-11.4662, -8.9963

105.3540, 57.5065,
82.1275

245.8560,
-11.7610, -7.7667

90.9560, 64.6047,
92.1236

246.7530,
-12.2032, -5.9224

83.3140, 68.3722,
97.0716

247.6500,
-12.6454, -4.0780

Harmonies

Analogous

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



200.2180, 16.1615, -3.6992



202.0200, 9.8501, 14.0145



202.2190, 1.3710, 26.9949

Triad

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



202.0200, 9.8501, 14.0145



198.8160, -17.6573, 16.8244



191.7010, 10.0074, -36.5718

Complementary

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



202.0200, 9.8501, 14.0145



209.9800, -9.8501, -14.0145

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.



192.2260, 0.3816, -29.1392



202.0200, 9.8501, 14.0145



196.7710, -16.1561, 1.9548

Square

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



202.0200, 9.8501, 14.0145



200.3920, -14.4903, 27.7202



194.6810, -9.7027, -14.6292



193.4330, 16.5485, -34.5827

Rectangle

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



202.0200, 9.8501, 14.0145



201.9330, -4.8970, 30.7538



194.6810, -9.7027, -14.6292



192.2020, 6.8024, -35.2572

Sweetspot

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



202.0200, 9.8501, 14.0145



248.8310, 3.0413, 4.5332



195.9960, 12.8200, -5.2585



123.5920, 2.1731, 2.9888



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.



202.0200, 9.8501, 14.0145



228.2640, 13.1808, 19.0625



201.8480, 4.0189, 17.6733



105.2440, 3.3307, 5.0480



66.1100, 54.1758, 77.0795



18.0300, 14.7752, 21.0217

Inverse Universe

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



200.0240, -2.9698, 19.2730



225.4270, -4.1545, 25.9355



210.1520, -4.0189, -17.6733



104.4030, -1.1847, 6.6626



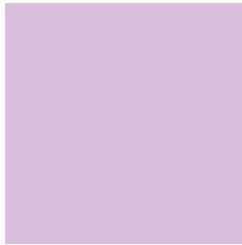
55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 202.0200, 9.8501, 14.0145 looks on a white background.

Color Contrast Check

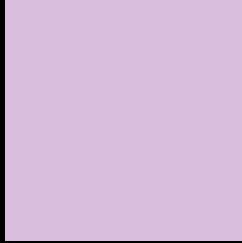
Large Text (above 18pt) WCAG AA × Fail

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 202.0200,
9.8501, 14.0145 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 202.0200, 9.8501, 14.0145

Background



This preview shows how black text looks on a background with the YUV color 202.0200, 9.8501, 14.0145.



This preview shows how white text looks on a background with the YUV color 202.0200, 9.8501,

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

202.0200, 9.8501, 14.0145

Protanopia

199.5230, 13.5462, -4.8437

Deuteranopia

201.2640, 9.7298, 5.9075



Tritanopia

201.0000, 3.4510, 13.1550

Trichromacy



Original Color

202.0200, 9.8501, 14.0145

Protanomaly

200.2250, 12.2141, 2.4337

Deuteranomaly

201.8730, 9.4296, 8.8814

Tritanomaly

201.2820, 5.7770, 13.7847

Monochromacy



Original Color

202.0200, 9.8501, 14.0145

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2440, 3.3307, 5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0200, 9.8501, 14.0145 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(218, 190, 222)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 222)  
}
```

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(218, 190, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 222) }
```

Border

The CSS property to change the border of an element to YUV 202.0200, 9.8501, 14.0145 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(218, 190, 222) }
```


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

```
.border{ border-color:rgb(218, 190, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 190, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 190, 222); box-shadow:4px 4px 4px 4px rgb(218, 190, 222) }
```

Background

The CSS property to change the background color of an element to YUV 202.0200, 9.8501, 14.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 222) }
```

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

```
.background{ background-color: rgb(218,  
190, 222) }
```

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