

Converting Colors

YUV(202.4500, 7.6662, 14.5144)

Have a look what the booklet for
YUV(202.4500, 7.6662, 14.5144)
contains.

YUV(202.4500, 7.6662, 14.5144)	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(202.4500, 7.6662,
14.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBFDA
RGB	219, 191, 218
RGB Percent	86%, 75%, 85%
CMY	0.1412, 0.2510, 0.1451
CMYK	0.00, 0.13, 0.00, 0.14
HSL	302°, 28%, 80%
HSV	302°, 13%, 86%
XYZ	60.4991, 57.3836, 74.2172
YIQ	202.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

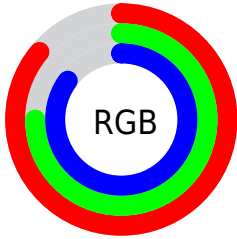
Format	Color
R _Y B	219, 191, 218
Decimal	14401498
CIE Lab	80.39, 14.61, -9.81
CIE LCh	80, 17.600, 326.105
Yxy	57.3836, 0.3149, 0.2987
Android (android.graphics.Color)	4292591578 (0xFFDDBBFDA)
YUV	202.4500, 7.6662, 14.5144
Hunter-Lab	75.7520, 9.9926, -5.0623

Details

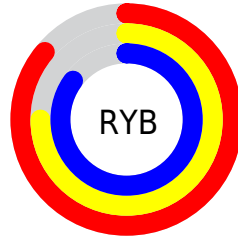
The YUV color $202.4500, 7.6662, 14.5144$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.5500, -7.6661, -14.5143$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $148.6240, 7.0874, 13.4848$ is the 20% darker color. If you saturate the color by 10%, you get $189.4220, 13.5960, 25.9399$, and if you desaturate by 10%, it is $215.4780, 1.7363, 3.0888$.

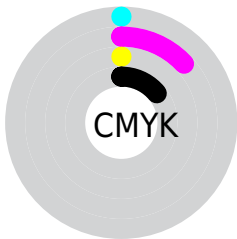
Distribution



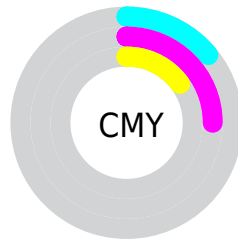
- Red (86%)
- Green (75%)
- Blue (85%)



- Red (86%)
- Yellow (75%)
- Blue (85%)



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



- Cyan (14%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4500, 7.6662, 14.5144 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 202.4500, 7.6662, 14.5144 by changing the saturation by 10% instead.

 202.4500, 7.6662,
14.5144

 202.4500, 7.6662,
14.5144


255.0000, 0.0000,
0.0000

 175.0370, 7.3768,
13.9996


 250.3040, 2.3151,
4.1184

 148.6240, 7.0874,
13.4848

 122.3250, 7.2348,
12.8700

 97.2110, 6.7980,
12.9700

 73.4990, 6.6560,
11.8404

 51.0860, 6.3666,
11.3256

 29.3740, 6.2246,

10.1960

■ 9.3850, 6.2192,
11.9404

■ 0.0000, 0.0000,
0.0000

■ 202.4500, 7.6662,
14.5144

■ 202.4500, 7.6662,
14.5144

■ 189.4220, 13.5960,
25.9399

■ 215.4780, 1.7363,
3.0888

■ 176.3940, 19.5258,
37.3655

■ 228.5060, -4.1935,
-8.3368

■ 163.4800, 25.8924,
48.6910

■ 240.2460, -9.9813,
-18.6327

■ 150.4520, 31.8222,
60.1166

■ 240.3600, -9.5445,
-18.7327

■ 138.0110, 37.4626,
71.0274

■ 240.4740, -9.1077,
-18.8327

■ 124.9830, 43.3924,
82.4529

■ 240.5880, -8.6709,
-18.9327

■ 112.0690, 49.7590,
93.7785

■ 240.7020, -8.2341,
-19.0327

■ 99.0410, 55.6888,
105.2040

■ 240.8160, -7.7973,
-19.1326

■ 89.5350, 59.8822,
113.5408

Harmonies

Analogous

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



200.9580, 13.8247, -0.8402



202.4500, 7.6662, 14.5144



202.4530, -0.2233, 25.0357

Triad

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



202.4500, 7.6662, 14.5144



199.5490, -16.0467, 13.5505



193.6090, 9.5598, -32.9831

Complementary

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



202.4500, 7.6662, 14.5144



207.5500, -7.6661, -14.5143

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.



193.8780, 1.5391, -27.0800



202.4500, 7.6662, 14.5144



197.4440, -13.5299, -0.3894

Square

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



202.4500, 7.6662, 14.5144



200.5980, -13.6058, 24.0316



195.3650, -7.0819, -15.2291



195.1240, 15.2219, -29.0497

Rectangle

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



202.4500, 7.6662, 14.5144



202.0960, -5.4703, 27.9798



195.3650, -7.0819, -15.2291



193.3380, 7.2284, -31.8684

Sweetspot

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



202.4500, 7.6662, 14.5144



249.1300, 2.8939, 5.1480



194.4910, 12.0829, -2.1846



123.7770, 1.5889, 3.7036



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.



202.4500, 7.6662, 14.5144



232.5800, 10.5601, 19.6623



200.8540, 1.5510, 15.9140



103.4290, 2.7465, 5.7628



70.7650, 47.4439, 89.6601



18.7700, 12.4384, 23.8807

Inverse Universe

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



202.4500, 7.6662, 14.5144



232.5800, 10.5601, 19.6623



209.1460, -1.5510, -15.9140



103.4290, 2.7465, 5.7628



70.7650, 47.4439, 89.6601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 202.4500, 7.6662, 14.5144 looks on a white background.

Color Contrast Check

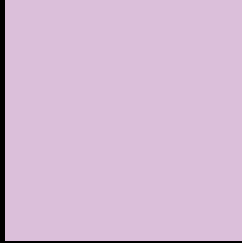
Large Text (above 18pt) WCAG AA × Fail

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 202.4500, 7.6662, 14.5144 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 202.4500, 7.6662, 14.5144

Background



This preview shows how black text looks on a background with the YUV color 202.4500, 7.6662, 14.5144.



This preview shows how white text looks on a background with the YUV color 202.4500, 7.6662,

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

202.4500, 7.6662, 14.5144

Protanopia

200.2520, 11.2148, -3.7290

Deuteranopia

201.7050, 7.5404, 8.1517



Tritanopia

202.1850, 2.8668, 13.8698

Trichromacy



Original Color

202.4500, 7.6662, 14.5144

Protanomaly

200.6550, 10.0301, 2.9336

Deuteranomaly

202.0150, 7.3876, 10.5108

Tritanomaly

202.0540, 4.9034, 13.9846

Monochromacy



Original Color

202.4500, 7.6662, 14.5144

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4500, 7.6662, 14.5144 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, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 218)  
}
```

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, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 218) }
```

Border

The CSS property to change the border of an element to YUV 202.4500, 7.6662, 14.5144 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, 191, 218) }
```


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

```
.border{ border-color:rgb(219, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 202.4500, 7.6662, 14.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 218) }
```

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

```
.background{ background-color: rgb(219,  
191, 218) }
```

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