

Converting Colors

YUV(204.3310, 24.9798,
14.6187)

Have a look what the booklet for
YUV(204.3310, 24.9798, 14.6187)
contains.

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Color

**YUV(204.3310, 24.9798,
14.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBAFF
RGB	221, 186, 255
RGB Percent	87%, 73%, 100%
CMY	0.1333, 0.2706, 0.0000
CMYK	0.13, 0.27, 0.00, 0.00
HSL	270°, 100%, 86%
HSV	270°, 27%, 100%
XYZ	65.4277, 57.7100, 102.2985
YIQ	204.3310, -1.2890, 28.8790

Conversions

Conversions Part 2

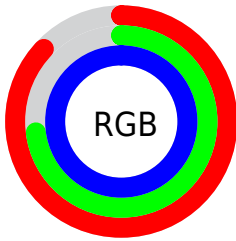
Format	Color
R _Y B	221, 186, 255
Decimal	14531327
CIE Lab	80.58, 25.20, -29.37
CIE LCh	81, 38.700, 310.627
Yxy	57.7100, 0.2902, 0.2560
Android (android.graphics.Color)	4292721407 (0xFFDDBAFF)
YUV	204.3310, 24.9798, 14.6187
Hunter-Lab	75.9671, 20.7932, -26.6639

Details

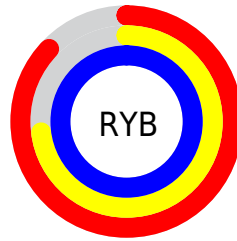
The YUV color **204.3310, 24.9798, 14.6187** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **236.6690, -24.9798, -14.6187**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3690, 3.7621, 6.6924**, and **149.9780, 23.6748, 13.1743** is the 20% darker color. If you saturate the color by 10%, you get **185.7690, 34.1309, 19.4966**, and if you desaturate by 10%, it is **222.8930, 15.8288, 9.7408**.

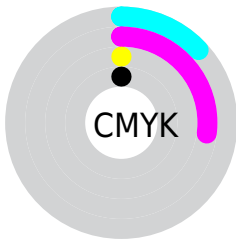
Distribution



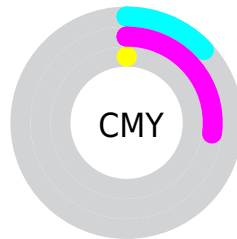
- Red (87%)
- Green (73%)
- Blue (100%)



- Red (87%)
- Yellow (73%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the YUV color 204.3310, 24.9798, 14.6187 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 204.3310, 24.9798, 14.6187 by changing the saturation by 10% instead.


 204.3310, 24.9798,
14.6187


 204.3310, 24.9798,
14.6187


255.0000, 0.0000,
0.0000


 176.8040, 24.2536,
14.2039


 247.3690, 3.7621,
6.6924

 149.9780, 23.6748,
13.1743

 123.5650, 23.3855,
12.6595

 98.6250, 22.3699,
11.7299

 74.0980, 21.6437,
11.3151

 50.8590, 20.7755,
9.7707

 28.3320, 20.0493,

9.3558

■ 11.6370, 17.4340,
8.2114

■ 3.4370, 10.6306,
-3.0142

■ 204.3310, 24.9798,
14.6187

■ 204.3310, 24.9798,
14.6187

■ 185.7690, 34.1309,
19.4966

■ 222.8930, 15.8288,
9.7408

■ 166.9190, 43.4239,
25.5040

■ 241.7430, 6.5357,
3.7334

■ 147.7700, 52.8644,
30.8967

255.0000, 0.0000,
0.0000

■ 129.5070, 61.8680,
36.3894

■ 110.3580, 71.3085,
41.7820

■ 92.0950, 80.3122,
47.2747

■ 73.5330, 89.4632,
52.1526

■ 67.6410, 92.3680,
53.8118

Harmonies

Analogous

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



196.7130, 28.7355, -23.4273



204.3310, 24.9798, 14.6187



204.6200, 10.0473, 44.1833

Triad

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



204.3310, 24.9798, 14.6187



199.8330, -33.4417, 39.6115



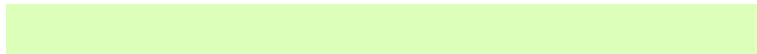
178.7230, 16.4056, -82.1951

Complementary

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



204.3310, 24.9798, 14.6187



236.6690, -24.9798, -14.6187

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.



186.1880, -5.5157, -51.0309



204.3310, 24.9798, 14.6187



196.5540, -33.7971, 13.5461

Square

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



204.3310, 24.9798, 14.6187



198.4010, -21.3967, 49.6373



192.2880, -23.8060, -17.7926



176.3530, 34.3360, -93.2716

Rectangle

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



204.3310, 24.9798, 14.6187



200.1230, 0.4324, 48.1271



192.2880, -23.8060, -17.7926



181.4270, 8.6635, -72.2885

Sweetspot

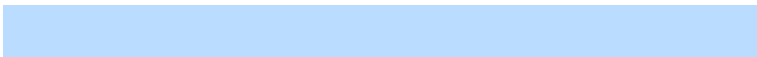
The Sweet Spot groups the original color and five complimentary colors.



204.3310, 24.9798, 14.6187



240.2700, 7.2619, 4.1482



214.4110, 20.0104, -24.9164



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.



204.3310, 24.9798, 14.6187



194.9060, 29.6263, 17.6224



214.4970, 19.9680, 35.5211



118.2760, 4.7939, 2.3889



50.7770, 69.1299, 40.5376



16.8640, 23.2380, 13.2743

Inverse Universe

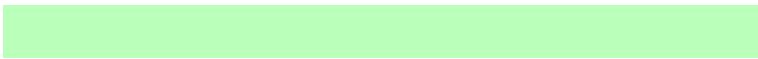
The Inverse Universe completely reimagines the original color for something new.



210.5070, 4.6800, 39.0204



202.1920, 5.8213, 46.3126



226.5030, -19.9680, -35.5211



119.5710, 0.7045, 7.3922



67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 204.3310, 24.9798, 14.6187 looks on a white background.

Color Contrast Check

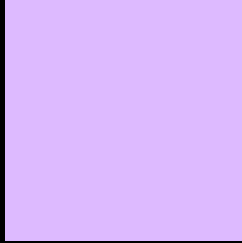
Large Text (above 18pt) WCAG AA × Fail

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 204.3310, 24.9798, 14.6187 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 204.3310, 24.9798, 14.6187

Background



This preview shows how black text looks on a background with the YUV color 204.3310, 24.9798, 14.6187.

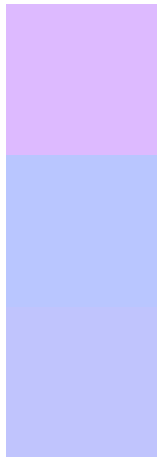


This preview shows how white text looks on a background with the YUV color 204.3310, 24.9798,

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

204.3310, 24.9798, 14.6187

Protanopia

200.6110, 26.8138, -13.6908

Deuteranopia

201.3020, 25.4871, -8.1579



Tritanopia

202.3910, 3.7512, 10.1811

Trichromacy



Original Color

204.3310, 24.9798, 14.6187

Protanomaly

202.1500, 26.0551, -3.6395

Deuteranomaly

202.3570, 25.4600, 0.5639

Tritanomaly

203.3510, 11.1660, 11.9702

Monochromacy



Original Color

204.3310, 24.9798, 14.6187

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8510, 9.4405, 5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3310, 24.9798, 14.6187 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(221, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 186, 255)  
}
```

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(221, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 186, 255) }
```

Border

The CSS property to change the border of an element to YUV 204.3310, 24.9798, 14.6187 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(221, 186, 255) }
```


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

```
.border{ border-color:rgb(221, 186, 255) }
```

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

Here you see how a box with a 4 pixel rgb(221, 186, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 186,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 204.3310, 24.9798, 14.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 186, 255) }
```

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

```
.background{ background-color: rgb(221,  
186, 255) }
```

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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