

Converting Colors

YUV(204.6300, 24.8324,
15.2335)

Have a look what the booklet for
YUV(204.6300, 24.8324, 15.2335)
contains.

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Color

**YUV(204.6300, 24.8324,
15.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBAFF
RGB	222, 186, 255
RGB Percent	87%, 73%, 100%
CMY	0.1294, 0.2706, 0.0000
CMYK	0.13, 0.27, 0.00, 0.00
HSL	271°, 100%, 86%
HSV	271°, 27%, 100%
XYZ	65.7331, 57.8674, 102.3128
YIQ	204.6300, -0.6930, 29.0910

Conversions

Conversions Part 2

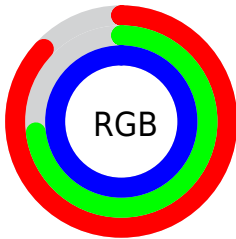
Format	Color
R _Y B	222, 186, 255
Decimal	14596863
CIE Lab	80.67, 25.51, -29.23
CIE LCh	81, 38.794, 311.109
Yxy	57.8674, 0.2910, 0.2561
Android (android.graphics.Color)	4292786943 (0xFFDEBAFF)
YUV	204.6300, 24.8324, 15.2335
Hunter-Lab	76.0706, 21.1194, -26.4939

Details

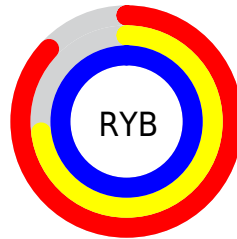
The YUV color $204.6300, 24.8324, 15.2335$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $236.3700, -24.8324, -15.2335$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.7621, 6.6924$, and $150.2770, 23.5274, 13.7891$ is the 20% darker color. If you saturate the color by 10%, you get $186.3670, 33.8361, 20.7261$, and if you desaturate by 10%, it is $222.8930, 15.8288, 9.7408$.

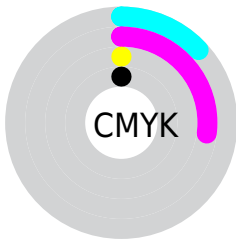
Distribution



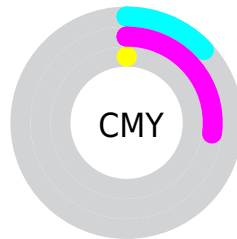
- Red (87%)
- Green (73%)
- Blue (100%)



- 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 204.6300, 24.8324, 15.2335 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 204.6300, 24.8324, 15.2335 by changing the saturation by 10% instead.


 204.6300, 24.8324,
15.2335


 204.6300, 24.8324,
15.2335


255.0000, 0.0000,
0.0000


 177.1030, 24.1062,
14.8187


 247.3690, 3.7621,
6.6924

 150.2770, 23.5274,
13.7891

 123.8640, 23.2380,
13.2743

 98.9240, 22.2225,
12.3447

 74.3970, 21.4963,
11.9298

 51.1580, 20.6281,
10.3854

 28.3320, 20.0493,

9.3558

■ 11.9360, 17.2866,
8.8261

■ 3.4370, 10.6306,
-3.0142

■ 204.6300, 24.8324,
15.2335

■ 204.6300, 24.8324,
15.2335

■ 186.3670, 33.8361,
20.7261

■ 222.8930, 15.8288,
9.7408

■ 167.5170, 43.1291,
26.7336

■ 241.7430, 6.5357,
3.7334

■ 148.3680, 52.5696,
32.1263

255.0000, 0.0000,
0.0000

■ 130.1050, 61.5732,
37.6189

■ 111.2550, 70.8663,
43.6264

■ 92.9920, 79.8699,
49.1190

■ 74.7290, 88.8736,
54.6117

■ 68.8370, 91.7784,
56.2710

Harmonies

Analogous

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



197.0120, 28.5881, -22.8125



204.6300, 24.8324, 15.2335



205.2070, 9.7579, 43.6685

Triad

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



204.6300, 24.8324, 15.2335



199.8330, -33.4417, 39.6115



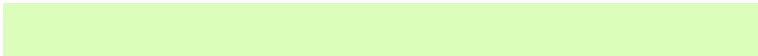
178.5380, 16.9898, -82.9098

Complementary

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



204.6300, 24.8324, 15.2335



236.3700, -24.8324, -15.2335

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.



186.0030, -4.9315, -51.7456



204.6300, 24.8324, 15.2335



196.2550, -33.6497, 12.9314

Square

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



204.6300, 24.8324, 15.2335



198.8740, -22.1229, 49.2225



191.9890, -23.6586, -18.4074



176.4670, 34.7728, -93.3716

Rectangle

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



204.6300, 24.8324, 15.2335



200.5960, -0.2938, 47.7123



191.9890, -23.6586, -18.4074



181.2420, 9.2477, -73.0032

Sweetspot

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



204.6300, 24.8324, 15.2335



240.2700, 7.2619, 4.1482



213.2370, 20.5892, -23.8868



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.



204.6300, 24.8324, 15.2335



195.2050, 29.4789, 18.2372



214.3830, 19.5312, 35.6211



118.2760, 4.7939, 2.3889



51.6740, 68.6877, 42.3819



17.1630, 23.0906, 13.8890

Inverse Universe

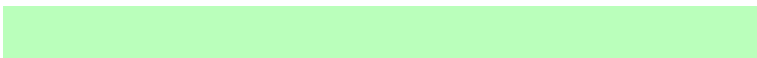
The Inverse Universe completely reimagines the original color for something new.



210.3930, 4.2433, 39.1203



201.9640, 4.9477, 46.5126



226.6170, -19.5312, -35.6211



119.5710, 0.7045, 7.3922



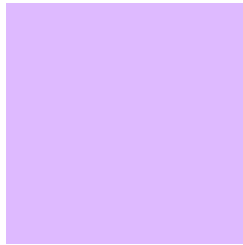
67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 204.6300, 24.8324, 15.2335 looks on a white background.

Color Contrast Check

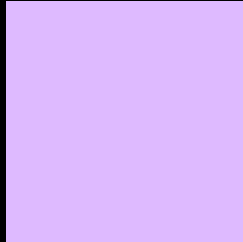
Large Text (above 18pt) WCAG AA × Fail

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 204.6300, 24.8324, 15.2335 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 204.6300, 24.8324, 15.2335

Background



This preview shows how black text looks on a background with the YUV color 204.6300, 24.8324, 15.2335.



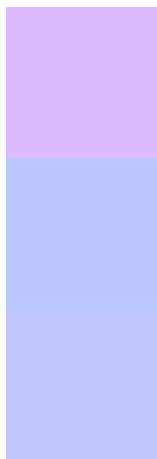
This preview shows how white text looks on a background with the YUV color 204.6300, 24.8324,

15.2335.

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

204.6300, 24.8324, 15.2335

Protanopia

200.6110, 26.8138, -13.6908

Deuteranopia

201.8890, 25.1977, -8.6727



Tritanopia

202.6900, 3.6038, 10.7959

Trichromacy



Original Color

204.6300, 24.8324, 15.2335

Protanomaly

202.1500, 26.0551, -3.6395

Deuteranomaly

202.9440, 25.1706, 0.0491

Tritanomaly

203.6500, 11.0185, 12.5849

Monochromacy



Original Color

204.6300, 24.8324, 15.2335

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.7370, 9.0037, 5.4927

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6300, 24.8324, 15.2335 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(222, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 255) }
```

Border

The CSS property to change the border of an element to YUV 204.6300, 24.8324, 15.2335 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(222, 186, 255) }
```


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

```
.border{ border-color:rgb(222, 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(222, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 204.6300, 24.8324, 15.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 255) }
```

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

```
.background{ background-color: rgb(222,  
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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