

Converting Colors

YUV(203.8320, 25.2258,
29.0883)

Have a look what the booklet for
YUV(203.8320, 25.2258, 29.0883)
contains.

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Color

**YUV(203.8320, 25.2258,
29.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB1FF
RGB	237, 177, 255
RGB Percent	93%, 69%, 100%
CMY	0.0706, 0.3059, 0.0000
CMYK	0.07, 0.31, 0.00, 0.00
HSL	286°, 100%, 85%
HSV	286°, 31%, 100%
XYZ	68.6972, 56.6688, 101.9252
YIQ	203.8320, 10.7220, 36.9780

Conversions

Conversions Part 2

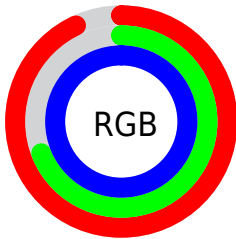
Format	Color
R _Y B	237, 177, 255
Decimal	15577599
CIE Lab	79.99, 34.95, -30.14
CIE LCh	80, 46.153, 319.227
Yxy	56.6688, 0.3022, 0.2493
Android (android.graphics.Color)	4293767679 (0xFFEDB1FF)
YUV	203.8320, 25.2258, 29.0883
Hunter-Lab	75.2787, 31.1563, -27.5819

Details

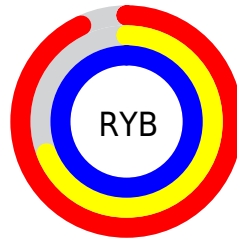
The YUV color **203.8320, 25.2258, 29.0883** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.1680, -25.2258, -29.0883**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **149.1800, 24.0683, 27.0291** is the 20% darker color. If you saturate the color by 10%, you get **186.7760, 33.6344, 38.7844**, and if you desaturate by 10%, it is **220.8880, 16.8172, 19.3922**.

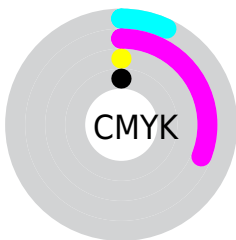
Distribution



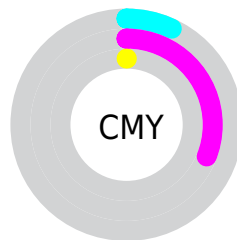
- Red (93%)
- Green (69%)
- Blue (100%)



- Red (93%)
- Yellow (69%)
- Blue (100%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.8320, 25.2258, 29.0883 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 203.8320, 25.2258, 29.0883 by changing the saturation by 10% instead.


 203.8320, 25.2258,
29.0883


 203.8320, 25.2258,
29.0883


255.0000, 0.0000,
0.0000


 176.0060, 24.6470,
28.0587


 242.0860, 6.3666,
11.3256

 149.1800, 24.0683,
27.0291

 122.7670, 23.7789,
26.5143

 96.9410, 23.2001,
25.4847

 72.1150, 22.6213,
24.4551

 47.7020, 22.3319,
23.9403

 22.8160, 22.7687,

23.8404

■ 14.9260, 15.8125,
14.9739

■ 3.4370, 10.6306,
-3.0142

■ 203.8320, 25.2258,
29.0883

■ 203.8320, 25.2258,
29.0883

■ 186.7760, 33.6344,
38.7844

■ 220.8880, 16.8172,
19.3922

■ 170.3070, 41.7536,
47.9658

■ 237.3570, 8.6980,
10.2109

■ 153.2510, 50.1623,
57.6619

■ 254.4130, 0.2894,
0.5148

■ 136.7820, 58.2815,
66.8432

■ 255.0000, 0.0000,
0.0000

■ 120.0250, 66.5427,
77.1541

■ 103.5560, 74.6619,
86.3354

■ 87.6740, 82.4917,
95.0019

Harmonies

Analogous

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



195.8820, 29.1452, -14.8055



203.8320, 25.2258, 29.0883



198.3110, 8.7207, 49.7163

Triad

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



203.8320, 25.2258, 29.0883



196.1720, -41.0038, 38.4372



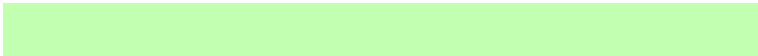
155.3770, 34.3241, -136.2656

Complementary

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



203.8320, 25.2258, 29.0883



228.1680, -25.2258, -29.0883

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.



176.3850, 2.2752, -76.6366



203.8320, 25.2258, 29.0883



192.0600, -37.9906, 5.2094

Square

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



203.8320, 25.2258, 29.0883



194.3600, -29.2645, 53.1813



186.7160, -23.0310, -33.0769



156.4490, 48.5856, -137.2058

Rectangle

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



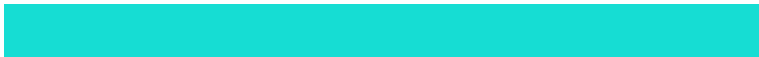
203.8320, 25.2258, 29.0883



193.8310, -3.3677, 53.6452



186.7160, -23.0310, -33.0769



160.3590, 24.9660, -121.3408

Sweetspot

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



203.8320, 25.2258, 29.0883



240.0040, 7.3930, 8.7665



196.4580, 28.8612, -17.0647



117.9990, 4.9305, 5.2629



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.



203.8320, 25.2258, 29.0883



193.2440, 30.4457, 34.8660



206.8200, 13.3997, 42.2539



119.4720, 4.2043, 4.8481



65.7270, 61.7596, 71.2764



21.9470, 20.7321, 23.7255

Inverse Universe

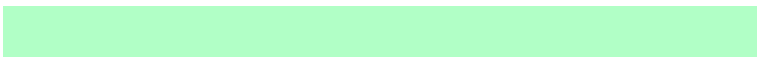
The Inverse Universe completely reimagines the original color for something new.



202.3740, -3.6354, 46.1530



191.5000, -4.6835, 55.6895



225.1800, -13.3997, -42.2539



119.2290, -0.6059, 7.6922



62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 203.8320, 25.2258, 29.0883 looks on a white background.

Color Contrast Check

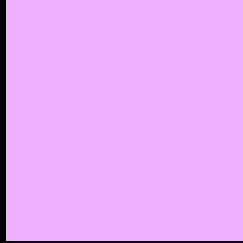
Large Text (above 18pt) WCAG AA × Fail

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 203.8320, 25.2258, 29.0883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

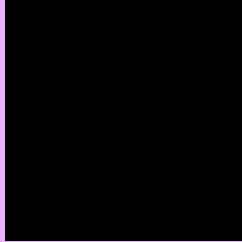
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.8320, 25.2258, 29.0883

Background



This preview shows how black text looks on a background with the YUV color 203.8320, 25.2258, 29.0883.



This preview shows how white text looks on a background with the YUV color 203.8320, 25.2258,

29.0883.

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

203.8320, 25.2258, 29.0883

Protanopia

199.4260, 27.3980, -14.4056

Deuteranopia

200.0030, 25.6345, -8.7726



Tritanopia

201.2680, 0.3609, 24.3210

Trichromacy



Original Color

203.8320, 25.2258, 29.0883



Protanomaly

201.2970, 26.4756, 1.4935



Deuteranomaly

201.0910, 25.5911, 5.1822

Tritanomaly

201.9830, 9.3754, 26.3249

Monochromacy



Original Color

203.8320, 25.2258, 29.0883



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.8840, 9.4242, 10.6257

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8320, 25.2258, 29.0883 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(237, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 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(237, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 255) }
```

Border

The CSS property to change the border of an element to YUV 203.8320, 25.2258, 29.0883 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(237, 177, 255) }
```


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

```
.border{ border-color:rgb(237, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 203.8320, 25.2258, 29.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 255) }
```

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

```
.background{ background-color: rgb(237,  
177, 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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