

Converting Colors

YUV(203.9920, 12.3289,
12.2850)

Have a look what the booklet for
YUV(203.9920, 12.3289, 12.2850)
contains.

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Color

**YUV(203.9920, 12.3289,
12.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC0E5
RGB	218, 192, 229
RGB Percent	85%, 75%, 90%
CMY	0.1451, 0.2471, 0.1020
CMYK	0.05, 0.16, 0.00, 0.10
HSL	282°, 42%, 83%
HSV	282°, 16%, 90%
XYZ	61.9059, 58.2618, 82.1116
YIQ	203.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

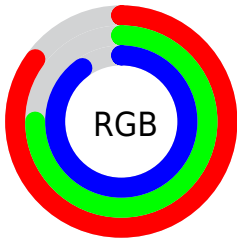
Format	Color
R _{YB}	218, 192, 229
Decimal	14336229
CIE Lab	80.88, 15.81, -15.00
CIE LCh	81, 21.794, 316.497
Yxy	58.2618, 0.3060, 0.2880
Android (android.graphics.Color)	4292526309 (0xFFDAC0E5)
YUV	203.9920, 12.3289, 12.2850
Hunter-Lab	76.3294, 11.1934, -10.3508

Details

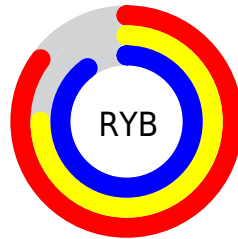
The YUV color **203.9920, 12.3289, 12.2850** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **217.0080, -12.3289, -12.2850**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **149.4650, 11.6028, 11.8702** is the 20% darker color. If you saturate the color by 10%, you get **188.3980, 20.0168, 19.8220**, and if you desaturate by 10%, it is **219.5860, 4.6411, 4.7481**.

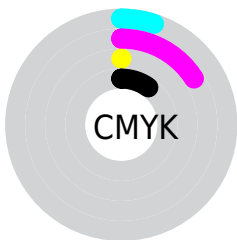
Distribution



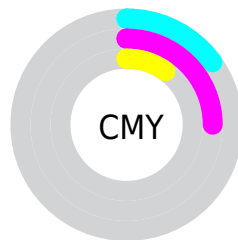
- Red (85%)
- Green (75%)
- Blue (90%)



- Red (85%)
- Yellow (75%)
- Blue (90%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)





- Cyan (15%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.9920, 12.3289, 12.2850 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 203.9920, 12.3289, 12.2850 by changing the saturation by 10% instead.


 203.9920, 12.3289,
12.2850


 203.9920, 12.3289,
12.2850


255.0000, 0.0000,
0.0000


 176.5790, 12.0396,
11.7702


 250.8910, 2.0257,
3.6036

 149.4650, 11.6028,
11.8702

 123.7530, 11.4608,
10.7406

 98.6390, 11.0240,
10.8406

 74.8130, 10.4452,
9.8110

 52.2860, 9.7190,
9.3962

 30.5740, 9.5770,

8.2666

■ 9.8840, 9.4242,
10.6257

■ 0.0000, 0.0000,
0.0000

■ 203.9920, 12.3289,
12.2850

■ 203.9920, 12.3289,
12.2850

■ 188.3980, 20.0168,
19.8220

■ 219.5860, 4.6411,
4.7481

■ 172.8040, 27.7046,
27.3589

■ 235.1800, -3.0467,
-2.7889

■ 157.5090, 35.2451,
35.5106

■ 246.9530, -8.8508,
-7.8518

■ 141.9150, 42.9329,
43.0475

■ 249.0460, -9.8827,
-3.5483

■ 126.9080, 50.3314,
50.0697

■ 251.1390,
-10.9145, 0.7551

■ 111.3140, 58.0192,
57.6066

■ 252.0360,
-11.3567, 2.5994

■ 95.7200, 65.7070,
65.1436

■ 80.4250, 73.2475,
73.2953

■ 74.2450, 76.2942,
76.0841

Harmonies

Analogous

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



201.5810, 18.9406, -8.4025



203.9920, 12.3289, 12.2850



204.3870, 3.2602, 27.7246

Triad

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



203.9920, 12.3289, 12.2850



200.7950, -19.1259, 21.2278



193.1520, 9.2921, -40.4753

Complementary

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



203.9920, 12.3289, 12.2850



217.0080, -12.3289, -12.2850

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.



194.0580, -1.5076, -29.8689



203.9920, 12.3289, 12.2850



198.9240, -18.2035, 5.3287

Square

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



203.9920, 12.3289, 12.2850



202.5990, -15.0853, 31.9237



196.4100, -12.0341, -13.5146



193.7420, 17.8752, -40.1157

Rectangle

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



203.9920, 12.3289, 12.2850



203.9980, -3.4500, 33.3278



196.4100, -12.0341, -13.5146



193.2510, 5.7923, -37.9311

Sweetspot

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



203.9920, 12.3289, 12.2850



246.1730, 4.3517, 4.2333



202.6750, 12.9782, -9.3620



122.4070, 2.7573, 2.2741



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.



203.9920, 12.3289, 12.2850



222.6380, 15.9545, 16.1035



206.4830, 7.6499, 19.7474



106.7600, 4.0623, 3.7185



57.7810, 59.7610, 58.9511



16.5780, 16.9700, 17.0331

Inverse Universe

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



204.3170, -0.6493, 21.6470



222.9480, -0.9604, 28.1096



214.5170, -7.6499, -19.7474



107.0440, -0.0217, 6.9774



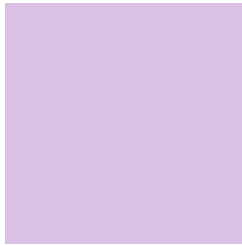
59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 203.9920, 12.3289, 12.2850 looks on a white background.

Color Contrast Check

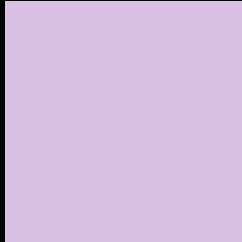
Large Text (above 18pt) WCAG AA × Fail

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 203.9920, 12.3289, 12.2850 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 203.9920, 12.3289, 12.2850

Background



This preview shows how black text looks on a background with the YUV color 203.9920, 12.3289, 12.2850.



This preview shows how white text looks on a background with the YUV color 203.9920, 12.3289, 12.2850.

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

203.9920, 12.3289, 12.2850

Protanopia

201.7940, 15.8776, -5.9583

Deuteranopia

203.2360, 12.2087, 4.1780



Tritanopia

202.8040, 4.0406, 10.6959

Trichromacy



Original Color

203.9920, 12.3289, 12.2850

Protanomaly

202.1970, 14.6929, 0.7042

Deuteranomaly

203.8450, 11.9084, 7.1519

Tritanomaly

203.3140, 7.2402, 11.1256

Monochromacy



Original Color

203.9920, 12.3289, 12.2850

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9920, 12.3289, 12.2850 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, 192, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 192, 229)  
}
```

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, 192, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 192, 229) }
```

Border

The CSS property to change the border of an element to YUV 203.9920, 12.3289, 12.2850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

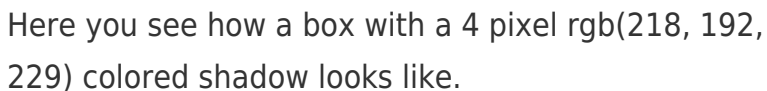
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 192, 229) }
```


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

```
.border{ border-color:rgb(218, 192, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 192, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 192, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 192, 229); box-shadow:4px 4px 4px 4px rgb(218, 192, 229) }
```

Background

The CSS property to change the background color of an element to YUV 203.9920, 12.3289, 12.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 192, 229) }
```

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

```
.background{ background-color: rgb(218,  
192, 229) }
```

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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