

Converting Colors

YUV(188.0220, 6.8912, 29.7987)

Have a look what the booklet for
YUV(188.0220, 6.8912, 29.7987)
contains.

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Color

**YUV(188.0220, 6.8912,
29.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA8CA
RGB	222, 168, 202
RGB Percent	87%, 66%, 79%
CMY	0.1294, 0.3412, 0.2078
CMYK	0.00, 0.24, 0.09, 0.13
HSL	322°, 45%, 76%
HSV	322°, 24%, 87%
XYZ	54.7875, 47.7991, 62.2157
YIQ	188.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

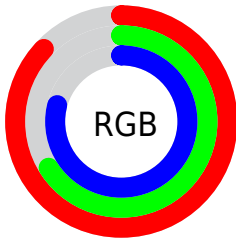
Format	Color
R _{YB}	222, 168, 202
Decimal	14592202
CIE Lab	74.70, 25.18, -9.59
CIE LCh	75, 26.942, 339.157
Yxy	47.7991, 0.3324, 0.2900
Android (android.graphics.Color)	4292782282 (0xFFDEA8CA)
YUV	188.0220, 6.8912, 29.7987
Hunter-Lab	69.1369, 20.4626, -4.9587

Details

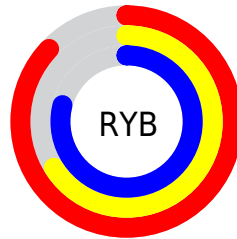
The YUV color **188.0220, 6.8912, 29.7987** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.9780, -6.8912, -29.7987**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **134.0110, 6.8966, 28.0544** is the 20% darker color. If you saturate the color by 10%, you get **174.1960, 9.7634, 41.9241**, and if you desaturate by 10%, it is **201.8480, 4.0189, 17.6733**.

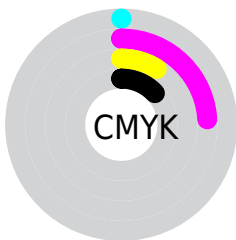
Distribution



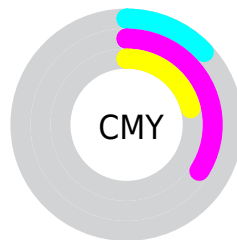
- Red (87%)
- Green (66%)
- Blue (79%)



- Red (87%)
- Yellow (66%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0220, 6.8912, 29.7987 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 188.0220, 6.8912, 29.7987 by changing the saturation by 10% instead.


 188.0220, 6.8912,
29.7987


 188.0220, 6.8912,
29.7987

255.0000, 0.0000,
0.0000

 160.7230, 7.0386,
29.1839


 236.8030, 8.9711,
15.9588


 134.0110, 6.8966,
28.0544

 253.2390, 0.8682,
1.5444

 108.2990, 6.7546,
26.9248

 83.5870, 6.6126,
25.7952

 59.9890, 6.9074,
24.5656

 37.2770, 6.7654,
23.4361

 15.6790, 7.0603,

22.2065

■ 1.9080, -0.4476,
3.5887

■ 0.0000, 0.0000,
0.0000

■ 188.0220, 6.8912,
29.7987

■ 188.0220, 6.8912,
29.7987

■ 174.1960, 9.7634,
41.9241

■ 201.8480, 4.0189,
17.6733

■ 160.3700, 12.6356,
54.0495

■ 215.6740, 1.1467,
5.5479

■ 145.8430, 15.3604,
66.7897

■ 230.2010, -1.5781,
-7.1923

■ 132.0170, 18.2326,
78.9151

■ 242.8530, -3.8715,
-18.2881

■ 118.1910, 21.1048,
91.0405

■ 243.7650, -0.3771,
-19.0879

■ 104.3650, 23.9771,
103.1659

■ 244.6770, 3.1172,
-19.8877

■ 90.4250, 26.4125,
115.3913

■ 245.1330, 4.8644,
-20.2876

■ 82.3380, 28.4274,
122.4836

Harmonies

Analogous

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



186.9360, 17.2866, 8.8261



188.0220, 6.8912, 29.7987



187.5860, -5.2189, 40.7051

Triad

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



188.0220, 6.8912, 29.7987



181.9910, -23.1666, 10.5319



172.6370, 20.3920, -54.0556

Complementary

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



188.0220, 6.8912, 29.7987



201.9780, -6.8912, -29.7987

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.



172.6840, 9.0298, -49.7119



188.0220, 6.8912, 29.7987



179.1670, -16.8443, -10.6705

Square

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



188.0220, 6.8912, 29.7987



183.9270, -22.6420, 29.0050



175.4230, -5.1385, -31.9430



177.3920, 25.4427, -40.6858

Rectangle

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



188.0220, 6.8912, 29.7987



186.3490, -12.4971, 41.7899



175.4230, -5.1385, -31.9430



172.1270, 17.1924, -54.4854

Sweetspot

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



188.0220, 6.8912, 29.7987



243.6360, 2.1515, 9.9662



180.1360, 20.6390, 6.8967



121.0870, 1.4361, 6.0627



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.



188.0220, 6.8912, 29.7987



208.4840, 9.6214, 40.7945



184.9440, -4.9024, 32.4981



105.0870, 1.4361, 6.0627



65.2780, 22.5409, 97.1032



17.8860, 6.4652, 26.4100

Inverse Universe

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



188.0220, 6.8912, 29.7987



208.4840, 9.6214, 40.7945



205.0560, 4.9024, -32.4981



105.0870, 1.4361, 6.0627



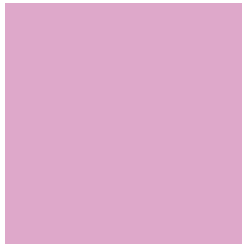
65.2780, 22.5409, 97.1032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 188.0220, 6.8912, 29.7987 looks on a white background.

Color Contrast Check

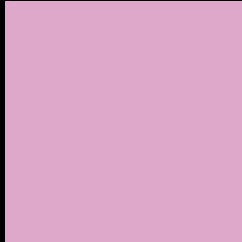
Large Text (above 18pt) WCAG AA × Fail

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 188.0220, 6.8912, 29.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

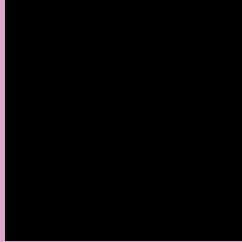
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0220, 6.8912, 29.7987

Background



This preview shows how black text looks on a background with the YUV color 188.0220, 6.8912, 29.7987.



This preview shows how white text looks on a background with the YUV color 188.0220, 6.8912,

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

188.0220, 6.8912, 29.7987

Protanopia

184.9960, 12.8200, -5.2585

Deuteranopia

186.1780, 6.8142, 7.7369



Tritanopia

187.1330, -1.5446, 28.8244

Trichromacy



Original Color

188.0220, 6.8912, 29.7987

Protanomaly

186.5030, 10.5980, 7.4519

Deuteranomaly

186.9340, 6.9345, 15.8439

Tritanomaly

187.6430, 1.6550, 29.2541

Monochromacy



Original Color

188.0220, 6.8912, 29.7987

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0220, 6.8912, 29.7987 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, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 202)  
}
```

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, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 202) }
```

Border

The CSS property to change the border of an element to YUV 188.0220, 6.8912, 29.7987 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, 168, 202) }
```


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

```
.border{ border-color:rgb(222, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 168,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 188.0220, 6.8912, 29.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 202) }
```

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

```
.background{ background-color: rgb(222,  
168, 202) }
```

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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