

Converting Colors

YUV(137.1300, 20.1489,
70.9230)

Have a look what the booklet for
YUV(137.1300, 20.1489, 70.9230)
contains.

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Color

**YUV(137.1300, 20.1489,
70.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	DA58B2
RGB	218, 88, 178
RGB Percent	85%, 35%, 70%
CMY	0.1451, 0.6549, 0.3020
CMYK	0.00, 0.60, 0.18, 0.15
HSL	318°, 64%, 60%
HSV	318°, 60%, 85%
XYZ	40.4390, 25.0992, 44.8327
YIQ	137.1300, 48.5900, 55.5500

Conversions

Conversions Part 2

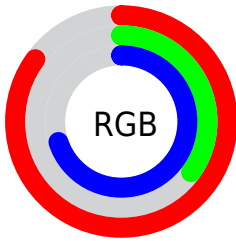
Format	Color
R _{YB}	218, 88, 178
Decimal	14309554
CIE _{Lab}	57.17, 60.66, -22.63
CIE _{LCh}	57, 64.748, 339.541
Yxy	25.0992, 0.3664, 0.2274
Android (android.graphics.Color)	4292499634 (0xFFDA58B2)
YUV	137.1300, 20.1489, 70.9230
Hunter-Lab	50.0991, 56.4083, -17.9881

Details

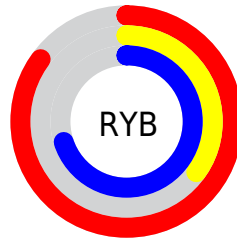
The YUV color **137.1300, 20.1489, 70.9230** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **168.8700, -20.1489, -70.9230**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4490, 22.9496, 59.2422**, and **76.7650, 23.7799, 72.9971** is the 20% darker color. If you saturate the color by 10%, you get **123.4180, 23.4579, 82.9484**, and if you desaturate by 10%, it is **150.8420, 16.8399, 58.8976**.

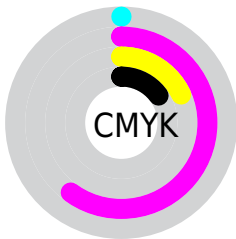
Distribution



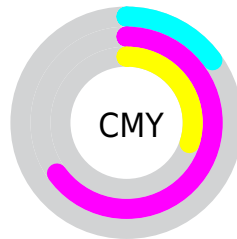
- Red (85%)
- Green (35%)
- Blue (70%)



- Red (85%)
- Yellow (35%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.1300, 20.1489, 70.9230 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 137.1300, 20.1489, 70.9230 by changing the saturation by 10% instead.


 137.1300, 20.1489,
70.9230


 137.1300, 20.1489,
70.9230


255.0000, 0.0000,
0.0000


 108.3580, 21.0225,
70.7230


 187.4490, 22.9496,
59.2422

 76.7650, 23.7799,
72.9971


 206.2790, 24.0195,
42.7283

 50.8680, 24.2221,
71.1528

 223.3020, 15.6271,
27.7991

 39.7600, 17.8663,
56.3385

 240.3250, 7.2348,
12.8700

 28.7660, 11.9474,
41.4242

 18.8970, 6.4598,
28.1543

 4.0010, -1.4795,

7.8921

■ 0.0000, 0.0000,
0.0000

■ 137.1300, 20.1489,
70.9230

■ 137.1300, 20.1489,
70.9230

■ 123.4180, 23.4579,
82.9484

■ 150.8420, 16.8399,
58.8976

■ 109.8200, 27.2037,
94.8739

■ 164.4400, 13.0941,
46.9721

■ 96.6950, 30.2234,
106.3845

■ 177.5650, 10.0745,
35.4615

■ 82.9830, 33.5324,
118.4099

■ 191.2770, 6.7654,
23.4361

■ 82.3960, 33.8218,
118.9247

■ 204.9890, 3.4564,
11.4106

■ 218.5870, -0.2894,
-0.5148

■ 232.2990, -3.5984,
-12.5402

■ 241.3150, -4.5923,
-20.4473

■ 241.9990, -1.9715,
-21.0471

Harmonies

Analogous

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



141.0060, 41.4090, 18.4117



137.1300, 20.1489, 70.9230



131.4430, -4.6554, 93.4505

Triad

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



137.1300, 20.1489, 70.9230



126.4320, -62.3310, 18.9151



118.8060, 43.9726, -104.1929

Complementary

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



137.1300, 20.1489, 70.9230



168.8700, -20.1489, -70.9230

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.



113.2370, 20.0962, -99.3088



137.1300, 20.1489, 70.9230



120.6720, -39.7713, -30.4073

Square

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



137.1300, 20.1489, 70.9230



130.6830, -56.0457, 56.4060



105.3370, -5.0961, -92.3805



118.1000, 61.5757, -103.5737

Rectangle

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



137.1300, 20.1489, 70.9230



131.3120, -22.8318, 90.0574



105.3370, -5.0961, -92.3805



117.5690, 36.6945, -103.1080

Sweetspot

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



137.1300, 20.1489, 70.9230



226.4020, 7.1968, 25.0804



114.4810, 51.0349, 10.9792



109.9510, 4.4612, 15.8290



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.



137.1300, 20.1489, 70.9230



140.6080, 28.7873, 100.3218



129.8340, -7.8062, 77.3216



103.0870, 1.4361, 6.0627



65.4070, 26.9143, 94.3591



17.4020, 7.1968, 25.0804

Inverse Universe

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



137.1300, 20.1489, 70.9230



140.6080, 28.7873, 100.3218



176.1660, 7.8062, -77.3216



103.0870, 1.4361, 6.0627



65.4070, 26.9143, 94.3591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 137.1300, 20.1489, 70.9230 looks on a white background.

Color Contrast Check

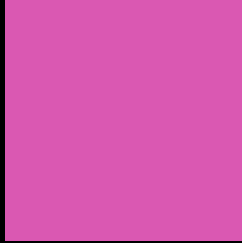
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1300, 20.1489, 70.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

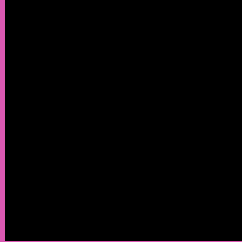
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1300, 20.1489, 70.9230

Background



This preview shows how black text looks on a background with the YUV color 137.1300, 20.1489, 70.9230.



This preview shows how white text looks on a background with the YUV color 137.1300, 20.1489,

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

137.1300, 20.1489, 70.9230

Protanopia

136.2320, 38.3396, -23.8825

Deuteranopia

138.8050, 15.8721, -4.2140



Tritanopia

137.2040, -12.4256, 65.5961

Trichromacy



Original Color

137.1300, 20.1489, 70.9230



Protanomaly

136.7310, 31.6846, 10.7599



Deuteranomaly

138.4370, 17.5326, 23.2958



Tritanomaly

137.0160, -0.5009, 67.5150

Monochromacy



Original Color

137.1300, 20.1489, 70.9230



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8150, 7.4862, 25.5952

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1300, 20.1489, 70.9230 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, 88, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 178)  
}
```

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, 88, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 178) }
```

Border

The CSS property to change the border of an element to YUV 137.1300, 20.1489, 70.9230 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, 88, 178) }
```


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

```
.border{ border-color:rgb(218, 88, 178) }
```

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

Here you see how a box with a 4 pixel rgb(218, 88, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 137.1300, 20.1489, 70.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 178) }
```

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

```
.background{ background-color: rgb(218, 88,  
178) }
```

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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