

Converting Colors

YUV(189.2120, 22.0805,
11.2151)

Have a look what the booklet for
YUV(189.2120, 22.0805, 11.2151)
contains.

YUV(189.2120, 22.0805, 11.2151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.2120, 22.0805,
11.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAEEA
RGB	202, 174, 234
RGB Percent	79%, 68%, 92%
CMY	0.2078, 0.3176, 0.0824
CMYK	0.14, 0.26, 0.00, 0.08
HSL	268°, 59%, 80%
HSV	268°, 26%, 92%
XYZ	54.3445, 48.7692, 84.3910
YIQ	189.2120, -2.5720, 24.5960

Conversions

Conversions Part 2

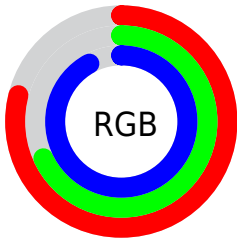
Format	Color
R _Y B	202, 174, 234
Decimal	13283050
CIE Lab	75.31, 21.43, -26.29
CIE LCh	75, 33.914, 309.185
Yxy	48.7692, 0.2898, 0.2601
Android (android.graphics.Color)	4291473130 (0xFFCAAEEA)
YUV	189.2120, 22.0805, 11.2151
Hunter-Lab	69.8349, 16.6948, -22.7637

Details

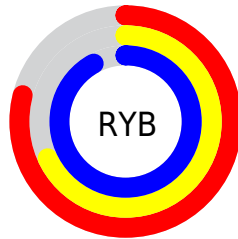
The YUV color $189.2120, 22.0805, 11.2151$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $218.7880, -22.0805, -11.2151$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3250, 7.2348, 12.8700$, and $135.2720, 21.0649, 10.2855$ is the 20% darker color. If you saturate the color by 10%, you get $172.1230, 30.5054, 15.6781$, and if you desaturate by 10%, it is $206.3010, 13.6556, 6.7520$.

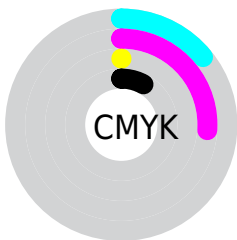
Distribution



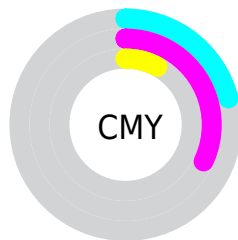
- Red (79%)
- Green (68%)
- Blue (92%)



- Red (79%)
- Yellow (68%)
- Blue (92%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)





- Cyan (21%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.2120, 22.0805, 11.2151 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 189.2120, 22.0805, 11.2151 by changing the saturation by 10% instead.


 189.2120, 22.0805,
11.2151

 189.2120, 22.0805,
11.2151


255.0000, 0.0000,
0.0000


 161.7990, 21.7911,
10.7003


 240.3250, 7.2348,
12.8700

 135.2720, 21.0649,
10.2855

 109.7450, 20.3387,
9.8706

 85.2180, 19.6125,
9.4558

 61.9790, 18.7444,
7.9114

 39.1530, 18.1656,
6.8818

 17.0390, 17.7288,

6.9818

■ 4.1210, 13.2513,
-3.6141

■ 0.2280, 0.8736,
-0.2000

■ 189.2120, 22.0805,
11.2151

■ 189.2120, 22.0805,
11.2151

■ 172.1230, 30.5054,
15.6781

■ 206.3010, 13.6556,
6.7520

■ 154.1480, 39.3670,
20.0412

■ 224.2760, 4.7939,
2.3889

■ 137.0590, 47.7919,
24.5043

■ 241.3650, -3.6309,
-2.0741

■ 119.0840, 56.6536,
28.8673

■ 251.7090, -8.7305,
0.2552

■ 101.9950, 65.0785,
33.3304

■ 252.6060, -9.1728,
2.0995

■ 84.6070, 73.6507,
37.1787

■ 66.9310, 82.3650,
42.1565

■ 59.2670, 86.1434,
43.6158

Harmonies

Analogous

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



183.9950, 31.0615, -22.7976



189.2120, 22.0805, 11.2151



190.2340, 8.7586, 37.5058

Triad

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



189.2120, 22.0805, 11.2151



185.4780, -28.3367, 35.5378



168.7850, 12.4310, -67.3404

Complementary

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



189.2120, 22.0805, 11.2151



218.7880, -22.0805, -11.2151

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.



174.1290, -5.9796, -42.2091



189.2120, 22.0805, 11.2151



182.9930, -29.5765, 13.1611

Square

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



189.2120, 22.0805, 11.2151



187.1560, -19.7969, 49.8522



178.7060, -21.0541, -13.7742



167.7420, 27.7352, -76.0727

Rectangle

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



189.2120, 22.0805, 11.2151



189.4820, -0.7306, 47.8123



178.7060, -21.0541, -13.7742



170.2330, 6.2941, -58.9633

Sweetspot

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



189.2120, 22.0805, 11.2151



239.9710, 7.4093, 3.5334



199.6240, 16.9474, -22.4722



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.



189.2120, 22.0805, 11.2151



196.0690, 29.0530, 14.8485



198.1820, 17.6583, 29.6584



108.7490, 4.0677, 1.9741



45.7500, 66.6783, 33.5453



13.6310, 19.9019, 9.9706

Inverse Universe

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



195.5880, 5.1331, 33.6873



204.4090, 6.7004, 44.3683



209.8180, -17.6583, -29.6584



109.9730, 0.9993, 6.1627



65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 189.2120, 22.0805, 11.2151 looks on a white background.

Color Contrast Check

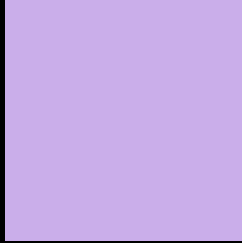
Large Text (above 18pt) WCAG AA × Fail

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 189.2120, 22.0805, 11.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

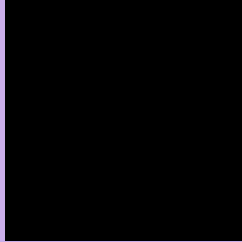
Any Text WCAG AA ✓ Pass

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 189.2120, 22.0805, 11.2151 Background



This preview shows how black text looks on a background with the YUV color 189.2120, 22.0805, 11.2151.



This preview shows how white text looks on a background with the YUV color 189.2120, 22.0805,

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

189.2120, 22.0805, 11.2151

Protanopia

185.7250, 27.2506, -13.7908

Deuteranopia

186.8030, 22.2821, -6.8432



Tritanopia

187.0810, 3.9041, 7.8220

Trichromacy



Original Color

189.2120, 22.0805, 11.2151

Protanomaly

187.2100, 25.0395, -4.5692

Deuteranomaly

187.5480, 22.4078, -0.4806

Tritanomaly

187.5140, 10.5926, 9.1962

Monochromacy



Original Color

189.2120, 22.0805, 11.2151

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.3840, 7.6987, 4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2120, 22.0805, 11.2151 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(202, 174, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 234)  
}
```

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(202, 174, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 234) }
```

Border

The CSS property to change the border of an element to YUV 189.2120, 22.0805, 11.2151 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(202, 174, 234) }
```


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

```
.border{ border-color:rgb(202, 174, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 174, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 189.2120, 22.0805, 11.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 234) }
```

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

```
.background{ background-color: rgb(202,  
174, 234) }
```

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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