

Converting Colors

YUV(188.1260, 19.1649,
13.0445)

Have a look what the booklet for
YUV(188.1260, 19.1649, 13.0445)
contains.

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Color

**YUV(188.1260, 19.1649,
13.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	CBADE3
RGB	203, 173, 227
RGB Percent	80%, 68%, 89%
CMY	0.2039, 0.3216, 0.1098
CMYK	0.11, 0.24, 0.00, 0.11
HSL	273°, 49%, 78%
HSV	273°, 24%, 89%
XYZ	53.4373, 48.1297, 79.1466
YIQ	188.1260, 0.5460, 23.1540

Conversions

Conversions Part 2

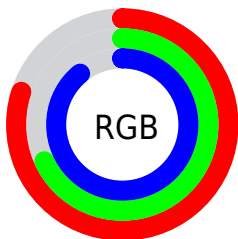
Format	Color
R_{YB}	203, 173, 227
Decimal	13348323
CIE _{Lab}	74.91, 20.83, -23.09
CIE _{LCh}	75, 31.100, 312.058
Yxy	48.1297, 0.2957, 0.2663
Android (android.graphics.Color)	4291538403 (0xFFCBADE3)
YUV	188.1260, 19.1649, 13.0445
Hunter-Lab	69.3756, 16.0843, -19.0776

Details

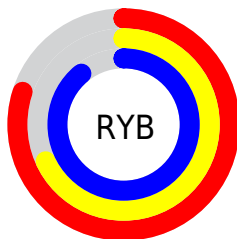
The YUV color **188.1260, 19.1649, 13.0445** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.8740, -19.1649, -13.0445**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **134.1860, 18.1493, 12.1149** is the 20% darker color. If you saturate the color by 10%, you get **171.6350, 27.2949, 18.7371**, and if you desaturate by 10%, it is **204.6170, 11.0348, 7.3519**.

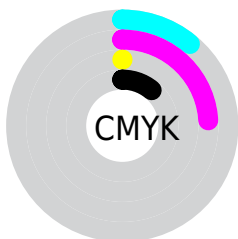
Distribution



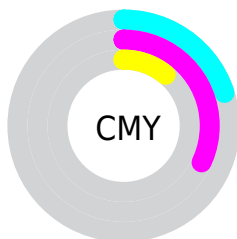
- Red (80%)
- Green (68%)
- Blue (89%)



- Red (80%)
- Yellow (68%)
- Blue (89%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1260, 19.1649, 13.0445 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 188.1260, 19.1649, 13.0445 by changing the saturation by 10% instead.

■ 188.1260, 19.1649,
13.0445

■ 188.1260, 19.1649,
13.0445

255.0000, 0.0000,
0.0000

■ 160.7130, 18.8755,
12.5297

■ 239.7380, 7.5242,
13.3848

■ 134.1860, 18.1493,
12.1149

■ 109.3600, 17.5705,
11.0853

■ 84.8330, 16.8443,
10.6705

■ 61.3060, 16.1181,
10.2556

■ 38.4800, 15.5394,
9.2260

■ 15.8930, 15.8288,

9.7408

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 188.1260, 19.1649,
13.0445

■ 188.1260, 19.1649,
13.0445

■ 171.6350, 27.2949,
18.7371

■ 204.6170, 11.0348,
7.3519

■ 155.7310, 35.1356,
23.9149

■ 220.5210, 3.1941,
2.1741

■ 139.2400, 43.2657,
29.6075

■ 237.0120, -4.9359,
-3.5185

■ 122.7490, 51.3957,
35.3001

■ 248.2200,
-10.4615, -4.5779

■ 106.8450, 59.2364,
40.4779

■ 251.2100,
-11.9355, 1.5698

■ 90.0550, 67.5139,
45.5558

■ 251.8080,
-12.2303, 2.7994

■ 73.5640, 75.6439,
51.2484

■ 63.5520, 80.5799,
54.7669

Harmonies

Analogous

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



183.8170, 27.6982, -17.3795



188.1260, 19.1649, 13.0445



188.7670, 7.0169, 36.1613

Triad

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



188.1260, 19.1649, 13.0445



184.4990, -26.8680, 31.1344



169.5300, 12.5567, -60.9778

Complementary

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



188.1260, 19.1649, 13.0445



211.8740, -19.1649, -13.0445

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.



174.0090, -3.9484, -40.3499



188.1260, 19.1649, 13.0445



181.4810, -26.3661, 10.1022

Square

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



188.1260, 19.1649, 13.0445



186.2370, -19.3438, 44.5192



178.0910, -18.2859, -14.9888



170.2380, 25.5187, -65.1067

Rectangle

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



188.1260, 19.1649, 13.0445



188.3030, -2.6144, 45.3383



178.0910, -18.2859, -14.9888



170.7820, 7.0095, -55.0598

Sweetspot

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



188.1260, 19.1649, 13.0445



242.0420, 6.3883, 4.3482



193.2440, 16.6417, -17.7540



120.0480, 3.9203, 2.5889



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.



188.1260, 19.1649, 13.0445



201.6950, 26.2794, 17.8075



194.9600, 14.3167, 28.0991



106.4610, 4.2097, 3.1037



50.0070, 63.5935, 42.9669



14.1860, 18.1493, 12.1149

Inverse Universe

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



191.8820, 2.5232, 30.7985



206.8880, 3.5062, 42.1942



205.0400, -14.3167, -28.0991



107.1580, 0.4151, 6.8774



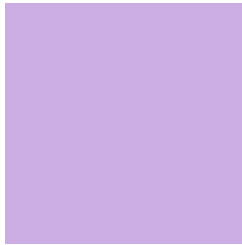
62.5270, 8.1212, 102.1468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 188.1260, 19.1649, 13.0445 looks on a white background.

Color Contrast Check

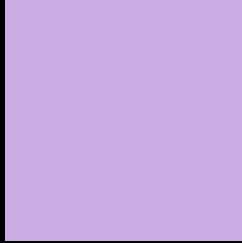
Large Text (above 18pt) WCAG AA × Fail

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 188.1260, 19.1649, 13.0445 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 188.1260, 19.1649, 13.0445

Background



This preview shows how black text looks on a background with the YUV color 188.1260, 19.1649, 13.0445.



This preview shows how white text looks on a background with the YUV color 188.1260, 19.1649,

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

188.1260, 19.1649, 13.0445

Protanopia

185.5250, 23.8982, -11.8614

Deuteranopia

186.4290, 19.5085, -3.8842



Tritanopia

186.2770, 3.3144, 10.2811

Trichromacy



Original Color

188.1260, 19.1649, 13.0445

Protanomaly

186.1240, 22.1239, -2.7397

Deuteranomaly

187.0600, 19.1974, 2.5784

Tritanomaly

187.0690, 8.8400, 11.3405

Monochromacy



Original Color

188.1260, 19.1649, 13.0445

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1560, 6.8251, 4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1260, 19.1649, 13.0445 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(203, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 227)  
}
```

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(203, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 227) }
```

Border

The CSS property to change the border of an element to YUV 188.1260, 19.1649, 13.0445 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(203, 173, 227) }
```


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

```
.border{ border-color:rgb(203, 173, 227) }
```

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

Here you see how a box with a 4 pixel rgb(203, 173, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 188.1260, 19.1649, 13.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 227) }
```

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

```
.background{ background-color: rgb(203,  
173, 227) }
```

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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