

Converting Colors

YUV(186.8100, 5.0237, 22.0916)

Have a look what the booklet for
YUV(186.8100, 5.0237, 22.0916)
contains.

YUV(186.8100, 5.0237, 22.0916)	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(186.8100, 5.0237,
22.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ACC5
RGB	212, 172, 197
RGB Percent	83%, 67%, 77%
CMY	0.1686, 0.3255, 0.2275
CMYK	0.00, 0.19, 0.07, 0.17
HSL	322°, 32%, 75%
HSV	322°, 19%, 83%
XYZ	51.9819, 47.5333, 59.2584
YIQ	186.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

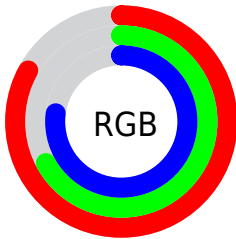
Format	Color
R _Y B	212, 172, 197
Decimal	13937861
CIE Lab	74.53, 18.68, -7.20
CIE LCh	75, 20.019, 338.907
Yxy	47.5333, 0.3274, 0.2994
Android (android.graphics.Color)	4292127941 (0xFFD4ACC5)
YUV	186.8100, 5.0237, 22.0916
Hunter-Lab	68.9444, 13.9307, -2.6993

Details

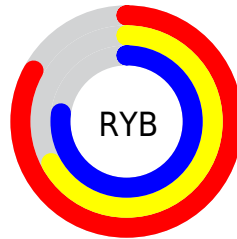
The YUV color **186.8100, 5.0237, 22.0916** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.1900, -5.0237, -22.0916**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0370, 7.3768, 13.9996**, and **133.6850, 4.5923, 20.4473** is the 20% darker color. If you saturate the color by 10%, you get **173.5710, 7.6065, 33.7022**, and if you desaturate by 10%, it is **200.0490, 2.4408, 10.4810**.

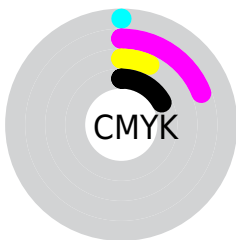
Distribution



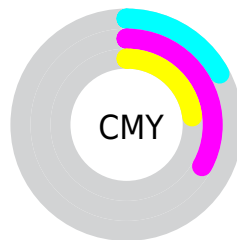
- Red (83%)
- Green (67%)
- Blue (77%)



- Red (83%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (17%)




- Cyan (17%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.8100, 5.0237, 22.0916 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 186.8100, 5.0237, 22.0916 by changing the saturation by 10% instead.

 186.8100, 5.0237,
22.0916

 186.8100, 5.0237,
22.0916


255.0000, 0.0000,
0.0000


 159.5110, 5.1711,
21.4769


 239.0370, 7.3768,
13.9996

 133.6850, 4.5923,
20.4473

 108.3860, 4.7397,
19.8325

 83.6740, 4.5977,
18.7029

 60.2610, 4.3083,
18.1881

 37.6630, 4.6031,
16.9585

 15.4890, 5.1819,

17.9881

■ 0.0000, 0.0000,
0.0000

■ 186.8100, 5.0237,
22.0916

■ 186.8100, 5.0237,
22.0916

■ 173.5710, 7.6065,
33.7022

■ 200.0490, 2.4408,
10.4810

■ 160.3320, 10.1893,
45.3128

■ 213.2880, -0.1420,
-1.1296

■ 146.5060, 13.0615,
57.4382

■ 227.1140, -3.0142,
-13.2550

■ 133.2670, 15.6444,
69.0488

■ 239.1790, -5.0182,
-23.8360

■ 120.0280, 18.2272,
80.6594

■ 240.0910, -1.5239,
-24.6358

■ 106.7890, 20.8100,
92.2700

■ 241.0030, 1.9705,
-25.4356

■ 93.5500, 23.3929,
103.8807

■ 241.9150, 5.4649,
-26.2355

■ 79.7240, 26.2651,
116.0061

■ 242.1430, 6.3385,
-26.4354

■ 78.5500, 26.8438,
117.0356

Harmonies

Analogous

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



185.7740, 12.9294, 6.3372



186.8100, 5.0237, 22.0916



186.1610, -4.0234, 30.5538

Triad

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



186.8100, 5.0237, 22.0916



182.1740, -17.3408, 8.6174



176.8410, 14.3754, -37.5716

Complementary

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



186.8100, 5.0237, 22.0916



197.1900, -5.0237, -22.0916

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.



175.9740, 5.9288, -35.0572



186.8100, 5.0237, 22.0916



179.6280, -12.6346, -7.5668

Square

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



186.8100, 5.0237, 22.0916



184.0770, -16.8000, 21.8575



177.8200, -3.8553, -23.5211



179.6340, 18.4214, -28.6200

Rectangle

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



186.8100, 5.0237, 22.0916



185.9670, -9.8437, 30.7239



177.8200, -3.8553, -23.5211



175.8580, 11.9020, -37.5865

Sweetspot

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



186.8100, 5.0237, 22.0916



245.5110, 1.7201, 8.3219



181.0450, 15.2608, 5.2225



122.2610, 0.8573, 5.0331



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.



186.8100, 5.0237, 22.0916



217.8590, 7.4645, 32.5727



184.5300, -3.7123, 24.0912



100.0870, 1.4361, 6.0627



63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Inverse Universe

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



186.8100, 5.0237, 22.0916



217.8590, 7.4645, 32.5727



199.4700, 3.7123, -24.0912



100.0870, 1.4361, 6.0627



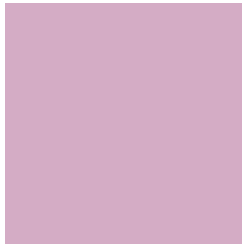
63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 186.8100, 5.0237, 22.0916 looks on a white background.

Color Contrast Check

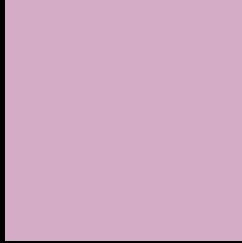
Large Text (above 18pt) WCAG AA × Fail

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 186.8100, 5.0237, 22.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

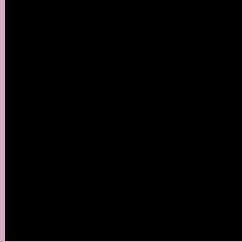
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.8100, 5.0237, 22.0916

Background



This preview shows how black text looks on a background with the YUV color 186.8100, 5.0237, 22.0916.



This preview shows how white text looks on a background with the YUV color 186.8100, 5.0237,

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

186.8100, 5.0237, 22.0916

Protanopia

184.0950, 9.3202, -2.7143

Deuteranopia

185.4340, 5.2090, 9.2664



Tritanopia

186.5450, 0.2243, 21.4470

Trichromacy



Original Color

186.8100, 5.0237, 22.0916

Protanomaly

184.8080, 7.9827, 6.3074

Deuteranomaly

186.0540, 4.9034, 13.9846

Tritanomaly

186.4140, 2.2609, 21.5619

Monochromacy



Original Color

186.8100, 5.0237, 22.0916

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8100, 5.0237, 22.0916 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(212, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 197)  
}
```

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(212, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 197) }
```

Border

The CSS property to change the border of an element to YUV 186.8100, 5.0237, 22.0916 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(212, 172, 197) }
```


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

```
.border{ border-color:rgb(212, 172, 197) }
```

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

Here you see how a box with a 4 pixel rgb(212, 172, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 186.8100, 5.0237, 22.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 197) }
```

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

```
.background{ background-color: rgb(212,  
172, 197) }
```

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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