

Converting Colors

YUV(170.8100, 5.0237, 22.0916)

Have a look what the booklet for
YUV(170.8100, 5.0237, 22.0916)
contains.

YUV(170.8100, 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(170.8100, 5.0237,
22.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	C49CB5
RGB	196, 156, 181
RGB Percent	77%, 61%, 71%
CMY	0.2314, 0.3882, 0.2902
CMYK	0.00, 0.20, 0.08, 0.23
HSL	322°, 25%, 69%
HSV	322°, 20%, 77%
XYZ	42.9939, 38.8489, 48.9486
YIQ	170.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

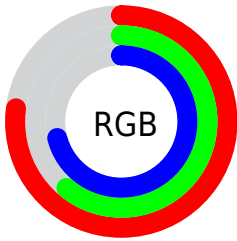
Format	Color
RYB	196, 156, 181
Decimal	12885173
CIELab	68.64, 18.98, -7.28
CIELCh	69, 20.331, 339.027
Yxy	38.8489, 0.3287, 0.2970
Android (android.graphics.Color)	4291075253 (0xFFC49CB5)
YUV	170.8100, 5.0237, 22.0916
Hunter-Lab	62.3289, 14.0522, -2.9319

Details

The YUV color **170.8100, 5.0237, 22.0916** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.1900, -5.0237, -22.0916**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5220, 5.1657, 23.2212**, and **118.6850, 4.5923, 20.4473** is the 20% darker color. If you saturate the color by 10%, you get **158.2720, 7.7539, 33.0875**, and if you desaturate by 10%, it is **183.3480, 2.2934, 11.0958**.

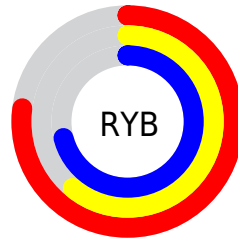
Distribution



Red (77%)

Green (61%)

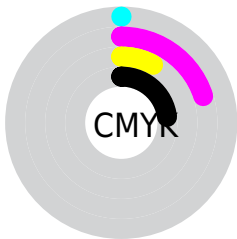
Blue (71%)



Red (77%)

Yellow (61%)

Blue (71%)

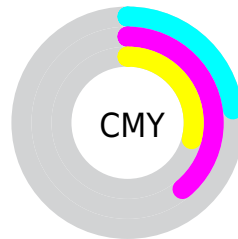


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8100, 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 170.8100, 5.0237, 22.0916 by changing the saturation by 10% instead.

■ 170.8100, 5.0237,
22.0916

■ 170.8100, 5.0237,
22.0916

255.0000, 0.0000,
0.0000

■ 144.3970, 4.7343,
21.5768

■ 226.5220, 5.1657,
23.2212

■ 118.6850, 4.5923,
20.4473

■ 245.6080, 4.6303,
8.2368

■ 93.3860, 4.7397,
19.8325

■ 69.6740, 4.5977,
18.7029

■ 46.9620, 4.4557,
17.5733

■ 25.3640, 4.7505,
16.3438

■ 8.2450, 1.8512,

12.9401

■ 0.0000, 0.0000,
0.0000

■ 170.8100, 5.0237,
22.0916

■ 170.8100, 5.0237,
22.0916

■ 158.2720, 7.7539,
33.0875

■ 183.3480, 2.2934,
11.0958

■ 146.2070, 9.7579,
43.6685

■ 195.4130, 0.2894,
0.5148

■ 133.6690, 12.4882,
54.6643

■ 207.9510, -2.4408,
-10.4810

■ 121.7180, 14.9290,
65.1453

■ 219.9020, -4.8817,
-20.9621

■ 109.0660, 17.2225,
76.2411

■ 232.5540, -7.1751,
-32.0579

■ 96.5280, 19.9527,
87.2369

■ 233.9390, -4.4069,
-33.2725

■ 84.5770, 22.3935,
97.7180

■ 234.7370, -1.3493,
-33.9723

■ 72.6260, 24.8344,
108.1990

■ 235.6490, 2.1450,
-34.7722

■ 236.4470, 5.2026,
-35.4720

Harmonies

Analogous

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



170.0730, 12.7820, 6.9520



170.8100, 5.0237, 22.0916



170.1610, -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.



170.8100, 5.0237, 22.0916



166.1740, -17.3408, 8.6174



160.5420, 14.5228, -38.1863

Complementary

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



170.8100, 5.0237, 22.0916



181.1900, -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.



159.9740, 5.9288, -35.0572



170.8100, 5.0237, 22.0916



163.7420, -12.1978, -7.6667

Square

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



170.8100, 5.0237, 22.0916



168.0770, -16.8000, 21.8575



161.8200, -3.8553, -23.5211



163.3350, 18.5688, -29.2348

Rectangle

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



170.8100, 5.0237, 22.0916



169.9670, -9.8437, 30.7239



161.8200, -3.8553, -23.5211



159.6730, 12.4862, -38.3012

Sweetspot

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



170.8100, 5.0237, 22.0916



245.5110, 1.7201, 8.3219



165.0450, 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.



170.8100, 5.0237, 22.0916



216.5710, 7.6065, 33.7022



168.5300, -3.7123, 24.0912



90.6740, 1.1467, 5.5479



59.5390, 19.9473, 88.9813



12.2610, 4.3083, 18.1881

Inverse Universe

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



170.8100, 5.0237, 22.0916



216.5710, 7.6065, 33.7022



183.4700, 3.7123, -24.0912



90.6740, 1.1467, 5.5479



59.5390, 19.9473, 88.9813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 170.8100, 5.0237, 22.0916 looks on a white background.

Color Contrast Check

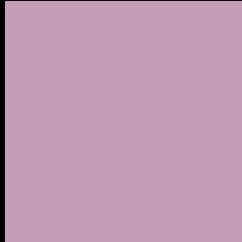
Large Text (above 18pt) WCAG AA × Fail

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 170.8100, 5.0237, 22.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

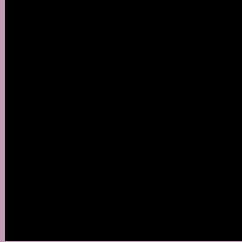
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8100, 5.0237, 22.0916

Background



This preview shows how black text looks on a background with the YUV color 170.8100, 5.0237, 22.0916.



This preview shows how white text looks on a background with the YUV color 170.8100, 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

170.8100, 5.0237, 22.0916

Protanopia

168.2090, 9.7570, -2.8143

Deuteranopia

169.4230, 5.2145, 7.5220



Tritanopia

170.4310, -0.2125, 21.5470

Trichromacy



Original Color

170.8100, 5.0237, 22.0916

Protanomaly

168.8080, 7.9827, 6.3074

Deuteranomaly

169.7550, 5.0508, 13.3699

Tritanomaly

170.3000, 1.8241, 21.6619

Monochromacy



Original Color

170.8100, 5.0237, 22.0916

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8100, 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(196, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 156, 181)  
}
```

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(196, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 156, 181) }
```

Border

The CSS property to change the border of an element to YUV 170.8100, 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(196, 156, 181) }
```


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

```
.border{ border-color:rgb(196, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 156,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 170.8100, 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(196, 156, 181) }
```

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

```
.background{ background-color: rgb(196,  
156, 181) }
```

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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