

Converting Colors

YUV(189.9170, 5.9569, 2.7038)

Have a look what the booklet for
YUV(189.9170, 5.9569, 2.7038)
contains.

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Color

**YUV(189.9170, 5.9569,
2.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BACA
RGB	193, 186, 202
RGB Percent	76%, 73%, 79%
CMY	0.2431, 0.2706, 0.2078
CMYK	0.04, 0.08, 0.00, 0.21
HSL	266°, 13%, 76%
HSV	266°, 8%, 79%
XYZ	50.2119, 50.7195, 63.0205
YIQ	189.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

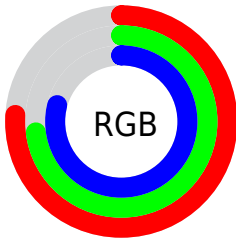
Format	Color
R _{YB}	193, 186, 202
Decimal	12696266
CIE Lab	76.51, 5.45, -7.18
CIE LCh	77, 9.013, 307.221
Yxy	50.7195, 0.3063, 0.3094
Android (android.graphics.Color)	4290886346 (0xFFC1BACA)
YUV	189.9170, 5.9569, 2.7038
Hunter-Lab	71.2176, 1.2203, -2.6134

Details

The YUV color **189.9170, 5.9569, 2.7038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198.0830, -5.9569, -2.7038**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5750, 4.6465, 3.0037**, and **136.5040, 5.6675, 2.1890** is the 20% darker color. If you saturate the color by 10%, you get **174.8880, 13.3662, 6.2372**, and if you desaturate by 10%, it is **204.9460, -1.4524, -0.8296**.

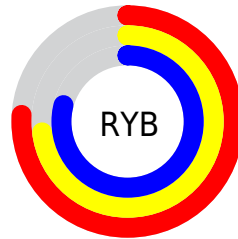
Distribution



Red (76%)

Green (73%)

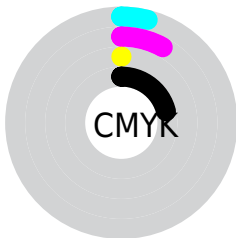
Blue (79%)



Red (76%)

Yellow (73%)

Blue (79%)

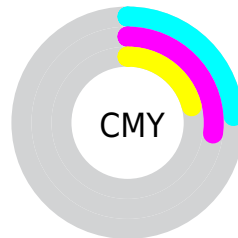


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (27%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9170, 5.9569, 2.7038 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 189.9170, 5.9569, 2.7038 by changing the saturation by 10% instead.

■ 189.9170, 5.9569,
2.7038

■ 189.9170, 5.9569,
2.7038

■ 255.0000, 0.0000,
0.0000

■ 162.9170, 5.9569,
2.7038

■ 245.5750, 4.6465,
3.0037

■ 136.5040, 5.6675,
2.1890

■ 111.3900, 5.2307,
2.2890

■ 86.3900, 5.2307,
2.2890

■ 63.3900, 5.2307,
2.2890

■ 41.8630, 4.5045,
1.8741

■ 20.8630, 4.5045,

1.8741

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 189.9170, 5.9569,
2.7038

■ 189.9170, 5.9569,
2.7038

■ 174.8880, 13.3662,
6.2372

■ 204.9460, -1.4524,
-0.8296

■ 159.5600, 20.9229,
9.1559

■ 220.2740, -9.0091,
-3.7483

■ 143.9440, 28.6216,
13.2041

■ 235.8900,
-16.7078, -7.7965

■ 128.9150, 36.0309,
16.7375

■ 243.8750,
-20.6444, -5.1524

■ 113.5870, 43.5876,
19.6562

■ 247.4630,
-22.4133, 2.2249

■ 98.5580, 50.9969,
23.1896

■ 248.9580,
-23.1503, 5.2988

■ 83.2300, 58.5536,
26.1083

■ 67.6140, 66.2523,
30.1565

■ 52.5850, 73.6616,
33.6900

Harmonies

Analogous

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



189.0300, 7.8732, -5.2883



189.9170, 5.9569, 2.7038



190.6360, 2.1515, 9.9662

Triad

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



189.9170, 5.9569, 2.7038



189.4160, -7.6001, 11.0362



186.0690, 1.9380, -14.9695

Complementary

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



189.9170, 5.9569, 2.7038



198.0830, -5.9569, -2.7038

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.



186.3640, -2.1515, -9.9662



189.9170, 5.9569, 2.7038



188.5570, -8.1626, 4.7735

Square

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



189.9170, 5.9569, 2.7038



190.0080, -5.4269, 14.0250



187.0830, -5.9569, -2.7038



186.3940, 5.7218, -15.2545

Rectangle

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



189.9170, 5.9569, 2.7038



190.3760, -0.1854, 12.8252



187.0830, -5.9569, -2.7038



186.4390, 0.7696, -13.5400

Sweetspot

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



189.9170, 5.9569, 2.7038



251.1680, 1.8892, 0.7297



193.1070, 4.3842, -6.2328



125.6410, 1.1630, 0.3148



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.



189.9170, 5.9569, 2.7038



236.1390, 9.2985, 4.2631



192.3090, 4.7777, 7.6220



94.3360, 3.7784, 1.4593



40.7510, 61.7478, 28.2824



9.4150, 14.0924, 6.6520

Inverse Universe

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



191.8100, 1.5727, 8.9366



239.0710, 2.4300, 13.9697



195.6910, -4.7777, -7.6220



95.6740, 1.1467, 5.5479



60.2360, 16.1527, 92.7550



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 189.9170, 5.9569, 2.7038 looks on a white background.

Color Contrast Check

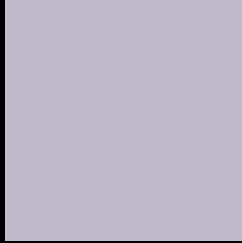
Large Text (above 18pt) WCAG AA × Fail

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 189.9170, 5.9569, 2.7038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

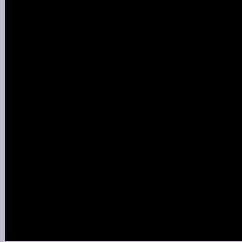
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9170, 5.9569, 2.7038

Background



This preview shows how black text looks on a background with the YUV color 189.9170, 5.9569, 2.7038.



This preview shows how white text looks on a background with the YUV color 189.9170, 5.9569,

2.7038.

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

189.9170, 5.9569, 2.7038

Protanopia

189.7100, 6.5520, -1.4997

Deuteranopia

190.6620, 6.0826, 9.0664



Tritanopia

189.8030, 5.5201, 2.8038

Trichromacy



Original Color

189.9170, 5.9569, 2.7038

Protanomaly

189.7210, 6.5465, 0.2447

Deuteranomaly

190.3520, 6.2355, 6.7073

Tritanomaly

189.8030, 5.5201, 2.8038

Monochromacy



Original Color

189.9170, 5.9569, 2.7038

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9170, 5.9569, 2.7038 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(193, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 202)  
}
```

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(193, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 202) }
```

Border

The CSS property to change the border of an element to YUV 189.9170, 5.9569, 2.7038 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(193, 186, 202) }
```


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

```
.border{ border-color:rgb(193, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 189.9170, 5.9569, 2.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 202) }
```

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

```
.background{ background-color: rgb(193,  
186, 202) }
```

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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