

Converting Colors

YUV(189.8390, 10.9254,
-4.2438)

Have a look what the booklet for
YUV(189.8390, 10.9254, -4.2438)
contains.

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Color

**YUV(189.8390, 10.9254,
-4.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BCD4
RGB	185, 188, 212
RGB Percent	73%, 74%, 83%
CMY	0.2745, 0.2627, 0.1686
CMYK	0.13, 0.11, 0.00, 0.17
HSL	233°, 24%, 78%
HSV	233°, 13%, 83%
XYZ	49.8745, 51.0342, 69.5093
YIQ	189.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

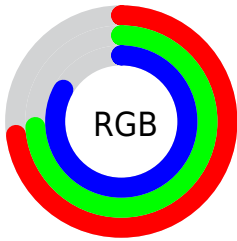
Format	Color
R _Y B	185, 188, 212
Decimal	12172500
CIE Lab	76.70, 3.72, -12.38
CIE LCh	77, 12.930, 286.728
Yxy	51.0342, 0.2927, 0.2995
Android (android.graphics.Color)	4290362580 (0xFFB9BCD4)
YUV	189.8390, 10.9254, -4.2438
Hunter-Lab	71.4382, -0.3974, -7.6823

Details

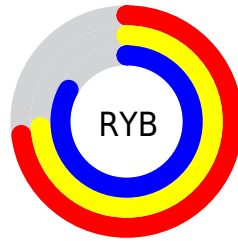
The YUV color **189.8390, 10.9254, -4.2438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207.1610, -10.9254, 4.2438**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.3570, 5.2470, -2.9441**, and **136.6110, 10.0518, -4.0438** is the 20% darker color. If you saturate the color by 10%, you get **172.4070, 19.5193, -7.3729**, and if you desaturate by 10%, it is **207.2710, 2.3314, -1.1147**.

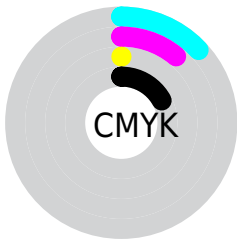
Distribution



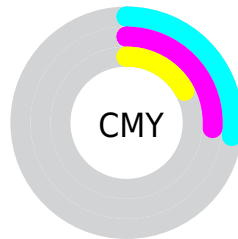
- Red (73%)
- Green (74%)
- Blue (83%)



- Red (73%)
- Yellow (74%)
- Blue (83%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8390, 10.9254, -4.2438 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 189.8390, 10.9254, -4.2438 by changing the saturation by 10% instead.

■ 189.8390, 10.9254,
-4.2438

■ 189.8390, 10.9254,
-4.2438

255.0000, 0.0000,
0.0000

■ 162.7250, 10.4886,
-4.1438

■ 244.3570, 5.2470,
-2.9441

■ 136.6110, 10.0518,
-4.0438

■ 111.1980, 9.7624,
-4.5586

■ 86.4970, 9.6150,
-3.9439

■ 63.3830, 9.1782,
-3.8439

■ 41.2690, 8.7414,
-3.7439

■ 20.7420, 8.0152,

-4.1587

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 189.8390, 10.9254,
-4.2438

■ 189.8390, 10.9254,
-4.2438

■ 172.4070, 19.5193,
-7.3729

■ 207.2710, 2.3314,
-1.1147

■ 154.9750, 28.1133,
-10.5021

■ 224.7030, -6.2626,
2.0145

■ 137.2440, 36.8547,
-14.2460

■ 242.4340,
-15.0040, 5.7584

■ 120.3990, 45.1593,
-17.8899

■ 250.0980,
-18.7823, 4.2991

■ 102.9670, 53.7533,
-21.0191

■ 85.5350, 62.3472,
-24.1482

■ 68.1030, 70.9412,
-27.2773

■ 50.3720, 79.6826,
-31.0212

■ 38.2560, 85.6558,
-33.5505

Harmonies

Analogous

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



188.0010, 11.8315, -14.9099



189.8390, 10.9254, -4.2438



191.2920, 7.2510, 7.6369

Triad

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



189.8390, 10.9254, -4.2438



190.7160, -9.2270, 19.5431



185.5480, -1.2562, -17.1436

Complementary

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



189.8390, 10.9254, -4.2438



207.1610, -10.9254, 4.2438

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.



186.8220, -6.8142, -7.7369



189.8390, 10.9254, -4.2438



189.6890, -11.6787, 12.5507

Square

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



189.8390, 10.9254, -4.2438



191.3940, -4.1382, 20.7025



188.4490, -11.0674, 3.1142



184.9370, 5.4541, -22.7467

Rectangle

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



189.8390, 10.9254, -4.2438



191.4130, 3.7404, 13.6698



188.4490, -11.0674, 3.1142



186.2880, -3.5930, -14.2846

Sweetspot

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



189.8390, 10.9254, -4.2438



246.7270, 4.0786, -1.5146



203.5850, 2.6696, -16.2990



122.3850, 2.7682, -1.2146



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.



189.8390, 10.9254, -4.2438



223.6800, 15.4408, -5.8584



191.0680, 10.3195, 3.4484



98.4280, 4.2260, -2.1294



30.6470, 69.1940, -26.8774



7.8370, 17.3354, -6.8730

Inverse Universe

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



193.4150, -2.6696, 16.2990



228.8180, -3.8543, 22.9616



205.9320, -10.3195, -3.4484



99.5170, -0.7479, 6.5626



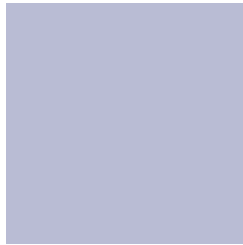
53.2950, -16.9074, 103.2273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 189.8390, 10.9254, -4.2438 looks on a white background.

Color Contrast Check

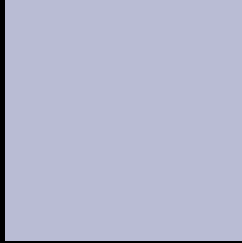
Large Text (above 18pt) WCAG AA × Fail

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 189.8390, 10.9254, -4.2438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

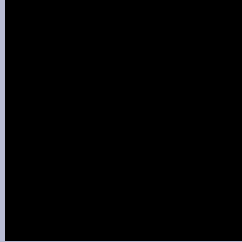
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8390, 10.9254, -4.2438

Background



This preview shows how black text looks on a background with the YUV color 189.8390, 10.9254, -4.2438.



This preview shows how white text looks on a background with the YUV color 189.8390, 10.9254, -4.2438.

-4.2438.

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

189.8390, 10.9254, -4.2438

Protanopia

190.1380, 10.7780, -3.6290

Deuteranopia

190.8940, 10.8983, 4.4780



Tritanopia

189.2150, 7.2890, -4.5736

Trichromacy



Original Color

189.8390, 10.9254, -4.2438

Protanomaly

190.1380, 10.7780, -3.6290

Deuteranomaly

190.2850, 11.1985, 1.5041

Tritanomaly

189.5570, 8.5994, -4.8735

Monochromacy



Original Color

189.8390, 10.9254, -4.2438

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7270, 4.0786, -1.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8390, 10.9254, -4.2438 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(185, 188, 212)` looks like.

```
.text, #text, p{  
    color:rgb(185, 188, 212)  
}
```

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(185, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 188, 212) }
```

Border

The CSS property to change the border of an element to YUV 189.8390, 10.9254, -4.2438 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(185, 188, 212) }
```


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

```
.border{ border-color:rgb(185, 188, 212) }
```

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

Here you see how a box with a 4 pixel rgb(185, 188, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 188, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 188, 212);  
box-shadow:4px 4px 4px 4px rgb(185, 188,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 189.8390, 10.9254, -4.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 188, 212) }
```

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

```
.background{ background-color: rgb(185,  
188, 212) }
```

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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