

Converting Colors

YUV(189.1610, -10.9254,
4.2438)

Have a look what the booklet for
YUV(189.1610, -10.9254, 4.2438)
contains.

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Color

**YUV(189.1610, -10.9254,
4.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFA7
RGB	194, 191, 167
RGB Percent	76%, 75%, 65%
CMY	0.2392, 0.2510, 0.3451
CMYK	0.00, 0.02, 0.14, 0.24
HSL	53°, 18%, 71%
HSV	53°, 14%, 76%
XYZ	47.8540, 51.5210, 43.9816
YIQ	189.1610, 9.4920, -6.8280

Conversions

Conversions Part 2

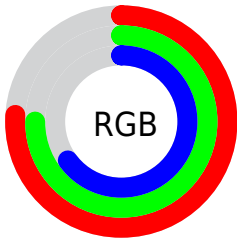
Format	Color
RYB	170, 194, 167
Decimal	12763047
CIELab	76.99, -3.07, 12.49
CIELCh	77, 12.862, 103.791
Yxy	51.5210, 0.3338, 0.3594
Android (android.graphics.Color)	4290953127 (0xFFC2BFA7)
YUV	189.1610, -10.9254, 4.2438
Hunter-Lab	71.7781, -6.6069, 13.9151

Details

The YUV color $189.1610, -10.9254, 4.2438$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $171.8390, 10.9254, -4.2438$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3460, -11.5096, 4.9586$, and $135.9760, -10.3412, 3.5290$ is the 20% darker color. If you saturate the color by 10%, you get $185.8210, -18.6458, 7.1730$, and if you desaturate by 10%, it is $192.5010, -3.2050, 1.3146$.

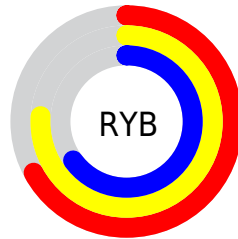
Distribution



Red (76%)

Green (75%)

Blue (65%)



Red (67%)

Yellow (76%)

Blue (65%)

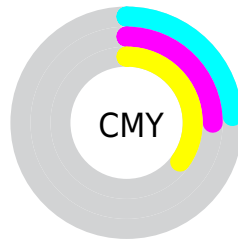


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1610, -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 189.1610, -10.9254, 4.2438 by changing the saturation by 10% instead.

■ 189.1610,
-10.9254, 4.2438

■ 189.1610,
-10.9254, 4.2438

■ 255.0000, 0.0000,
0.0000

■ 162.2750,
-10.4886, 4.1438

■ 245.3460,
-11.5096, 4.9586

■ 135.9760,
-10.3412, 3.5290

■ 254.5440, -1.7472,
0.3999

■ 110.3890,
-10.0518, 4.0438

■ 86.2040, -9.4676,
3.3291

■ 63.0190, -8.8834,
2.6143

■ 41.1330, -8.4466,
2.5144

■ 20.3890, -10.0518,

4.0438

■ 0.0000, 0.0000,
0.0000

■ 189.1610,
-10.9254, 4.2438

■ 189.1610,
-10.9254, 4.2438

■ 185.8210,
-18.6458, 7.1730

■ 192.5010, -3.2050,
1.3146

■ 182.3670,
-26.8029, 10.2021

■ 195.9550, 4.9522,
-1.7145

■ 179.0270,
-34.5233, 13.1313

■ 199.2950, 12.6726,
-4.6437

■ 174.9860,
-42.3911, 16.6753

■ 203.3360, 20.5404,
-8.1877

■ 171.6460,
-50.1115, 19.6045

■ 205.6500, 24.3296,
-10.2170

■ 168.3060,
-57.8319, 22.5336

■ 206.8240, 23.7508,
-11.2466

■ 164.8520,
-65.9890, 25.5628

■ 207.9980, 23.1720,
-12.2762

■ 161.5120,
-73.7094, 28.4920

■ 209.1720, 22.5932,
-13.3058

■ 158.9700,
-78.3722, 30.7213

■ 210.3460, 22.0144,
-14.3354

Harmonies

Analogous

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



190.5150, -11.0999, 13.5803



189.1610, -10.9254, 4.2438



187.4200, -7.1091, -6.5073

Triad

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



189.1610, -10.9254, 4.2438



186.6750, 9.5272, -22.5170



192.6690, 2.1352, 15.1993

Complementary

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



189.1610, -10.9254, 4.2438



171.8390, 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.



191.6940, 7.5459, 6.4074



189.1610, -10.9254, 4.2438



188.4030, 12.1263, -16.1394

Square

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



189.1610, -10.9254, 4.2438



186.0080, 4.4331, -21.9320



190.2410, 11.2202, -5.4734



192.5080, -3.7014, 20.6025

Rectangle

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



189.1610, -10.9254, 4.2438



186.8860, -3.8878, -13.0550



190.2410, 11.2202, -5.4734



192.2280, 4.3246, 12.9550

Sweetspot

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



189.1610, -10.9254, 4.2438



250.2730, -4.0786, 1.5146



175.4150, -2.6696, 16.2990



126.6150, -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.



189.1610, -10.9254, 4.2438



244.8640, -17.1880, 6.2583



187.9320, -10.3195, -3.4484



95.2730, -4.0786, 1.5146



132.0800, -65.1154, 25.3628



26.8900, -13.2568, 5.3585

Inverse Universe

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



171.8390, 10.9254, -4.2438



217.1360, 17.1880, -6.2583



173.0680, 10.3195, 3.4484



88.7270, 4.0786, -1.5146



28.9200, 65.1154, -25.3628



6.1100, 13.2568, -5.3585

Previews

White Background



This preview shows how the YUV color 189.1610, -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 189.1610, -10.9254, 4.2438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

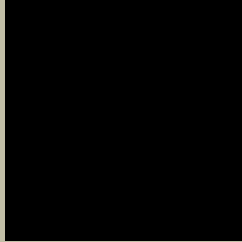
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

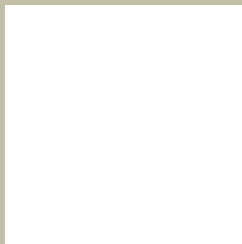
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.1610, -10.9254, 4.2438

Background



This preview shows how black text looks on a background with the YUV color 189.1610, -10.9254, 4.2438.



This preview shows how white text looks on a background with the YUV color 189.1610, -10.9254,

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

189.1610, -10.9254, 4.2438

Protanopia

189.3680, -11.5204, 8.4473

Deuteranopia

191.2710, -10.9796, 21.6873



Tritanopia

191.5970, 4.6357, 6.4924

Trichromacy



Original Color

189.1610, -10.9254, 4.2438

Protanomaly

189.3570, -11.5150, 6.7029

Deuteranomaly

190.5260, -11.1053, 15.3247

Tritanomaly

190.8050, -0.8899, 5.4330

Monochromacy



Original Color

189.1610, -10.9254, 4.2438

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2730, -4.0786, 1.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1610, -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(194, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 167)  
}
```

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(194, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 167) }
```

Border

The CSS property to change the border of an element to YUV 189.1610, -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(194, 191, 167) }
```


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

```
.border{ border-color:rgb(194, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 189.1610, -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(194, 191, 167) }
```

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

```
.background{ background-color: rgb(194,  
191, 167) }
```

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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