

Converting Colors

YUV(185.1970, -22.2821,
6.8432)

Have a look what the booklet for
YUV(185.1970, -22.2821, 6.8432)
contains.

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Color

**YUV(185.1970, -22.2821,
6.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BE8C
RGB	193, 190, 140
RGB Percent	76%, 75%, 55%
CMY	0.2431, 0.2549, 0.4510
CMYK	0.00, 0.02, 0.27, 0.24
HSL	57°, 30%, 65%
HSV	57°, 27%, 76%
XYZ	45.1394, 50.0578, 32.0940
YIQ	185.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

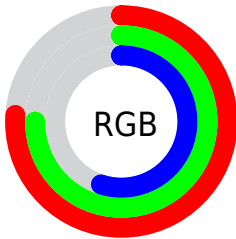
Format	Color
RYB	143, 193, 140
Decimal	12697228
CIELab	76.10, -6.90, 25.70
CIELCh	76, 26.610, 105.036
Yxy	50.0578, 0.3546, 0.3933
Android (android.graphics.Color)	4290887308 (0xFFC1BE8C)
YUV	185.1970, -22.2821, 6.8432
Hunter-Lab	70.7515, -9.9324, 22.6312

Details

The YUV color $185.1970, -22.2821, 6.8432$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $147.8030, 22.2821, -6.8432$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.2680, -23.3031, 7.6580$, and $132.1260, -21.2611, 6.0285$ is the 20% darker color. If you saturate the color by 10%, you get $182.4440, -30.2919, 9.2576$, and if you desaturate by 10%, it is $187.9500, -14.2723, 4.4289$.

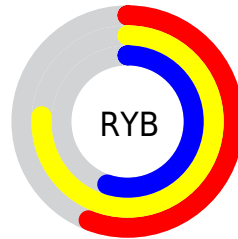
Distribution



Red (76%)

Green (75%)

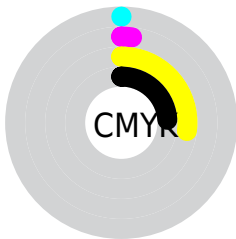
Blue (55%)



Red (56%)

Yellow (76%)

Blue (55%)

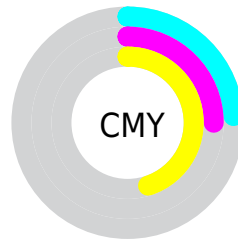


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1970, -22.2821, 6.8432 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 185.1970, -22.2821, 6.8432 by changing the saturation by 10% instead.

■ 185.1970,
-22.2821, 6.8432

■ 185.1970,
-22.2821, 6.8432

■ 255.0000, 0.0000,
0.0000

■ 158.3110,
-21.8453, 6.7433

■ 241.2680,
-23.3031, 7.6580

■ 132.1260,
-21.2611, 6.0285

■ 251.2380,
-14.4143, 3.2993

■ 106.4680,
-19.9507, 5.7286

■ 254.5440, -1.7472,
0.3999

■ 82.2830, -19.3665,
5.0138

■ 59.0980, -18.7823,
4.2991

■ 37.2120, -18.3455,
4.1991

■ 17.3990, -8.5777,

-2.1039

■ 0.0000, 0.0000,
0.0000

■ 185.1970,
-22.2821, 6.8432

■ 185.1970,
-22.2821, 6.8432

■ 182.4440,
-30.2919, 9.2576

■ 187.9500,
-14.2723, 4.4289

■ 179.5770,
-38.7385, 11.7720

■ 190.8170, -5.8258,
1.9145

■ 176.8240,
-46.7482, 14.1864

■ 193.5700, 2.1840,
-0.4999

■ 174.0710,
-54.7580, 16.6007

■ 196.3230, 10.1938,
-2.9143

■ 171.3180,
-62.7678, 19.0151

■ 199.1900, 18.6403,
-5.4286

■ 167.8640,
-70.9250, 22.0443

■ 202.4160, 25.9239,
-8.2578

■ 165.1110,
-78.9347, 24.4587

■ 203.0030, 25.6345,
-8.7726

■ 164.5410,
-81.1187, 24.9585

■ 203.5900, 25.3451,
-9.2874

■ 204.1770, 25.0557,
-9.8022

Harmonies

Analogous

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



187.7910, -23.0680, 25.6163



185.1970, -22.2821, 6.8432



182.3020, -14.9389, -15.1739

Triad

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



185.1970, -22.2821, 6.8432



177.7020, 21.8389, -51.4817



191.7620, 4.5543, 32.6577

Complementary

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



185.1970, -22.2821, 6.8432



147.8030, 22.2821, -6.8432

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.



191.2140, 15.6705, 13.8443



185.1970, -22.2821, 6.8432



182.7130, 25.2845, -36.5823

Square

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



185.1970, -22.2821, 6.8432



176.8410, 10.9244, -50.7266



188.2970, 23.0246, -11.6615



191.0160, -7.4029, 41.2050

Rectangle

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



185.1970, -22.2821, 6.8432



180.2770, -7.0386, -29.1839



188.2970, 23.0246, -11.6615



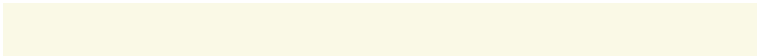
192.0540, 8.3544, 27.1396

Sweetspot

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



185.1970, -22.2821, 6.8432



247.1330, -8.4466, 2.5144



156.3030, -6.0654, 32.1833



122.9310, -5.3890, 1.8145



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.1970, -22.2821, 6.8432



237.6030, -34.8073, 10.8722



180.0810, -19.7599, -8.8410



95.2730, -4.0786, 1.5146



137.3630, -67.7200, 20.7296



28.0640, -13.8356, 4.3289

Inverse Universe

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



147.8030, 22.2821, -6.8432



179.3970, 34.8073, -10.8722



152.9190, 19.7599, 8.8410



88.7270, 4.0786, -1.5146



23.6370, 67.7200, -20.7296



4.9360, 13.8356, -4.3289

Previews

White Background



This preview shows how the YUV color 185.1970, -22.2821, 6.8432 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 185.1970, -22.2821, 6.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

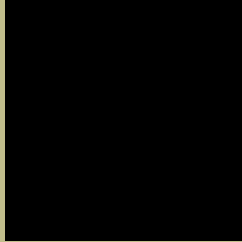
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

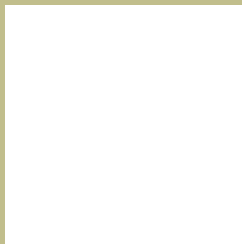
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.1970, -22.2821, 6.8432

Background



This preview shows how black text looks on a background with the YUV color 185.1970, -22.2821, 6.8432.



This preview shows how white text looks on a background with the YUV color 185.1970, -22.2821, 6.8432.

6.8432.

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

185.1970, -22.2821, 6.8432

Protanopia

185.7140, -23.0300, 13.4058

Deuteranopia

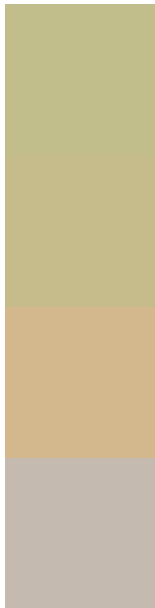
187.9270, -22.6420, 29.0050



Tritanopia

189.6790, 3.6093, 9.0515

Trichromacy



Original Color

185.1970, -22.2821, 6.8432

Protanomaly

185.4040, -22.8772, 11.0467

Deuteranomaly

187.1710, -22.7623, 20.8980

Tritanomaly

188.1490, -5.9895, 7.7623

Monochromacy



Original Color

185.1970, -22.2821, 6.8432

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2470, -8.0098, 2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1970, -22.2821, 6.8432 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, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 140)  
}
```

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, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 140) }
```

Border

The CSS property to change the border of an element to YUV 185.1970, -22.2821, 6.8432 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, 190, 140) }
```


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

```
.border{ border-color:rgb(193, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 190, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 190, 140); box-shadow:4px 4px 4px 4px rgb(193, 190, 140) }
```

Background

The CSS property to change the background color of an element to YUV 185.1970, -22.2821, 6.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 140) }
```

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

```
.background{ background-color: rgb(193,  
190, 140) }
```

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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