

Converting Colors

YUV(196.0710, -21.2340,
-2.6933)

Have a look what the booklet for
YUV(196.0710, -21.2340, -2.6933)
contains.

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Color

**YUV(196.0710, -21.2340,
-2.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CE99
RGB	193, 206, 153
RGB Percent	76%, 81%, 60%
CMY	0.2431, 0.1922, 0.4000
CMYK	0.06, 0.00, 0.26, 0.19
HSL	75°, 35%, 70%
HSV	75°, 26%, 81%
XYZ	49.8134, 57.7800, 38.6642
YIQ	196.0710, 9.2650, -19.2390

Conversions

Conversions Part 2

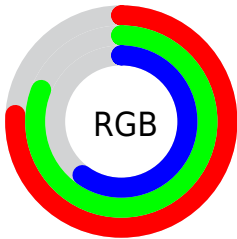
Format	Color
RYB	153, 206, 166
Decimal	12701337
CIELab	80.62, -13.33, 24.95
CIELCh	81, 28.288, 118.103
Yxy	57.7800, 0.3406, 0.3951
Android (android.graphics.Color)	4290891417 (0xFFC1CE99)
YUV	196.0710, -21.2340, -2.6933
Hunter-Lab	76.0131, -16.0473, 23.0513

Details

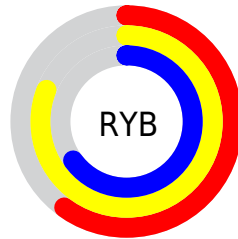
The YUV color $196.0710, -21.2340, -2.6933$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $162.9290, 21.2340, 2.6933$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1470, -19.7925, 1.6251$, and $142.4130, -19.9236, -2.9932$ is the 20% darker color. If you saturate the color by 10%, you get $192.1820, -29.6697, -3.6676$, and if you desaturate by 10%, it is $199.9600, -12.7983, -1.7189$.

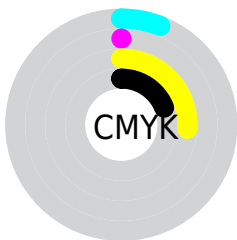
Distribution



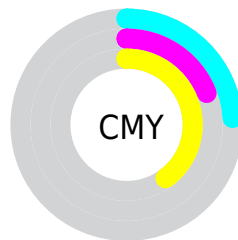
- Red (76%)
- Green (81%)
- Blue (60%)



- Red (60%)
- Yellow (81%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0710, -21.2340, -2.6933 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 196.0710, -21.2340, -2.6933 by changing the saturation by 10% instead.

■ 196.0710,
-21.2340, -2.6933

■ 196.0710,
-21.2340, -2.6933

255.0000, 0.0000,
0.0000

■ 169.1850,
-20.7972, -2.7932

■ 248.1470,
-19.7925, 1.6251

■ 142.4130,
-19.9236, -2.9932

■ 252.8340, -8.2992,
1.8996

■ 116.5270,
-19.4868, -3.0932

■ 91.7550, -18.6132,
-3.2931

■ 67.8690, -18.1764,
-3.3931

■ 44.9830, -17.7396,
-3.4931

■ 25.3510, -12.4980,

-4.6928

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 196.0710,
-21.2340, -2.6933

■ 196.0710,
-21.2340, -2.6933

■ 192.1820,
-29.6697, -3.6676

■ 199.9600,
-12.7983, -1.7189

■ 188.4070,
-37.6687, -4.7419

■ 203.7350, -4.7994,
-0.6446

■ 184.5180,
-46.1044, -5.7163

■ 207.6240, 3.6364,
0.3298

■ 180.7430,
-54.1033, -6.7906

■ 211.3990, 11.6353,
1.4041

■ 176.8540,
-62.5390, -7.7650

■ 215.1740, 19.6342,
2.4784

■ 172.9650,
-70.9747, -8.7393

■ 216.6690, 18.8972,
5.5523

■ 169.1900,
-78.9737, -9.8136

■ 218.1640, 18.1601,
8.6262

■ 167.2670,
-82.4626, -10.7582

■ 219.6590, 17.4231,
11.7001

■ 221.1540, 16.6861,
14.7739

Harmonies

Analogous

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



199.0630, -25.6671, 19.2387



196.0710, -21.2340, -2.6933



192.6750, -10.6858, -26.0250

Triad

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



196.0710, -21.2340, -2.6933



191.1520, 26.0541, -50.1223



204.1390, -0.5615, 40.2201

Complementary

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



196.0710, -21.2340, -2.6933



162.9290, 21.2340, 2.6933

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.



204.2540, 11.7068, 25.2102



196.0710, -21.2340, -2.6933



197.2240, 27.0046, -28.2604

Square

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



196.0710, -21.2340, -2.6933



187.6320, 17.9294, -57.5593



202.4340, 21.9710, -0.3806



202.5450, -13.0867, 44.2490

Rectangle

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



196.0710, -21.2340, -2.6933



190.1060, -1.0383, -40.4350



202.4340, 21.9710, -0.3806



204.5560, 3.6699, 36.3464

Sweetspot

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



196.0710, -21.2340, -2.6933



251.2250, -7.9989, -1.0743



175.8910, -11.2853, 26.4056



125.3220, -5.0887, -1.1594



0.0000, 0.0000, 0.0000



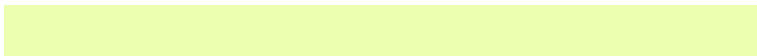
128.0000, 0.0000, 0.0000

Same Dimension

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



196.0710, -21.2340, -2.6933



240.3130, -31.7063, -3.7825



188.2970, -17.4014, -18.6775



99.9630, -3.9258, -0.8446



134.8170, -66.4648, -8.6095



30.9770, -15.2717, -1.7338

Inverse Universe

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



162.9290, 21.2340, 2.6933



190.6870, 31.7063, 3.7825



170.7030, 17.4014, 18.6775



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 196.0710, -21.2340, -2.6933 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 196.0710, -21.2340, -2.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

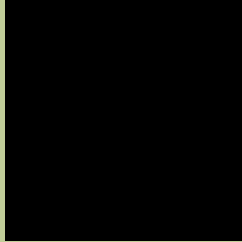
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.0710, -21.2340, -2.6933

Background



This preview shows how black text looks on a background with the YUV color 196.0710, -21.2340, -2.6933.



This preview shows how white text looks on a background with the YUV color 196.0710, -21.2340, -2.6933.

-2.6933.

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

196.0710, -21.2340, -2.6933

Protanopia

198.4860, -23.9036, 13.6058

Deuteranopia

200.4540, -21.9158, 29.4198



Tritanopia

200.7210, 6.5465, 0.2447

Trichromacy



Original Color

196.0710, -21.2340, -2.6933

Protanomaly

197.3820, -22.8663, 7.5580

Deuteranomaly

198.7900, -21.5885, 17.7242

Tritanomaly

199.0770, -3.4890, -0.9445

Monochromacy



Original Color

196.0710, -21.2340, -2.6933

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0710, -21.2340, -2.6933 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, 206, 153)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 153)  
}
```

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, 206, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 153) }
```

Border

The CSS property to change the border of an element to YUV 196.0710, -21.2340, -2.6933 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, 206, 153) }
```


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

```
.border{ border-color:rgb(193, 206, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 153);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 196.0710, -21.2340, -2.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 153) }
```

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

```
.background{ background-color: rgb(193,  
206, 153) }
```

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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