

Converting Colors

YUV(200.9740, -3.9312, 0.8998)

Have a look what the booklet for
YUV(200.9740, -3.9312, 0.8998)
contains.

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Color

**YUV(200.9740, -3.9312,
0.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAC1
RGB	202, 202, 193
RGB Percent	79%, 79%, 76%
CMY	0.2078, 0.2078, 0.2431
CMYK	0.00, 0.00, 0.04, 0.21
HSL	60°, 8%, 77%
HSV	60°, 4%, 79%
XYZ	55.1033, 58.6479, 58.8680
YIQ	200.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

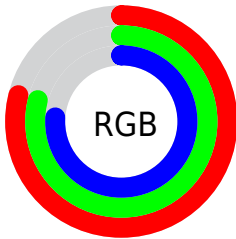
Format	Color
RYB	193, 202, 193
Decimal	13290177
CIELab	81.10, -1.61, 4.48
CIElCh	81, 4.759, 109.740
Yxy	58.6479, 0.3192, 0.3398
Android (android.graphics.Color)	4291480257 (0xFFCACAC1)
YUV	200.9740, -3.9312, 0.8998
Hunter-Lab	76.5819, -5.5815, 8.0315

Details

The YUV color $200.9740, -3.9312, 0.8998$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.0260, 3.9312, -0.8998$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $147.0880, -3.4944, 0.7998$ is the 20% darker color. If you saturate the color by 10%, you get $198.6940, -12.6671, 2.8994$, and if you desaturate by 10%, it is $203.2540, 4.8048, -1.0998$.

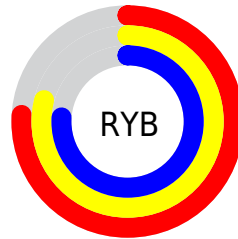
Distribution



Red (79%)

Green (79%)

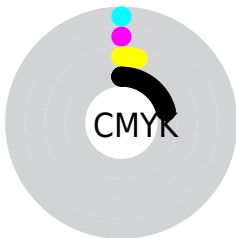
Blue (76%)



Red (76%)

Yellow (79%)

Blue (76%)

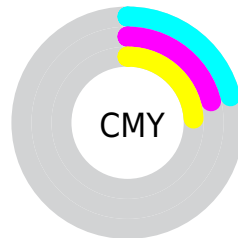


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9740, -3.9312, 0.8998 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 200.9740, -3.9312, 0.8998 by changing the saturation by 10% instead.

■ 200.9740, -3.9312,
0.8998

■ 200.9740, -3.9312,
0.8998

255.0000, 0.0000,
0.0000

■ 173.9740, -3.9312,
0.8998

■ 254.3160, -2.6208,
0.5999

■ 147.0880, -3.4944,
0.7998

■ 121.0880, -3.4944,
0.7998

■ 96.2020, -3.0576,
0.6998

■ 73.0880, -3.4944,
0.7998

■ 50.2020, -3.0576,
0.6998

■ 29.3160, -2.6208,

0.5999

■ 3.5330, -1.7418,
-1.3444

■ 0.0000, 0.0000,
0.0000

■ 200.9740, -3.9312,
0.8998

■ 200.9740, -3.9312,
0.8998

■ 198.6940,
-12.6671, 2.8994

■ 203.2540, 4.8048,
-1.0998

■ 196.4140,
-21.4031, 4.8989

■ 205.5340, 13.5407,
-3.0993

■ 194.0200,
-30.5759, 6.9985

■ 207.9280, 22.7135,
-5.1989

■ 191.7400,
-39.3118, 8.9980

■ 208.0420, 23.1503,
-5.2988

■ 189.4600,
-48.0478, 10.9976

■ 187.1800,
-56.7837, 12.9971

■ 184.9000,
-65.5197, 14.9967

■ 182.5060,
-74.6925, 17.0962

■ 180.2260,
-83.4284, 19.0958

Harmonies

Analogous

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



201.8820, -4.3788, 4.4885



200.9740, -3.9312, 0.8998



200.4080, -2.1731, -2.9888

Triad

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



200.9740, -3.9312, 0.8998



200.2810, 3.8055, -7.2624



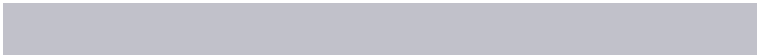
202.7450, 0.1257, 6.3626

Complementary

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



200.9740, -3.9312, 0.8998



194.0260, 3.9312, -0.8998

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.



202.0050, 2.4625, 3.5036



200.9740, -3.9312, 0.8998



200.8190, 4.5262, -5.1033

Square

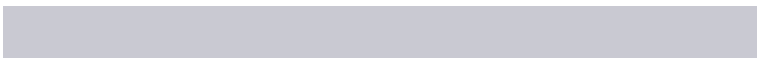
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.9740, -3.9312, 0.8998



200.1130, 1.9163, -7.9921



202.0260, 3.9312, -0.8998



202.5880, -1.7689, 7.3773

Rectangle

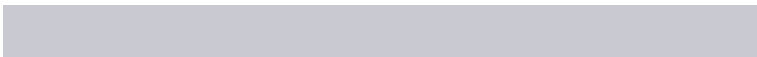
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.9740, -3.9312, 0.8998



200.3260, -1.1467, -5.5479



202.0260, 3.9312, -0.8998



202.6740, 1.1467, 5.5479

Sweetspot

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



200.9740, -3.9312, 0.8998



254.6580, -1.3104, 0.2999



195.6910, -1.3267, 5.5330



127.7720, -0.8736, 0.2000



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.



200.9740, -3.9312, 0.8998



253.5180, -5.6784, 1.2997



199.7780, -3.3416, -1.5593



101.3160, -2.6208, 0.5999



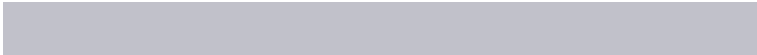
147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992

Inverse Universe

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



194.0260, 3.9312, -0.8998



243.4820, 5.6784, -1.2997



195.5210, 3.1941, 2.1741



96.6840, 2.6208, -0.5999



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 200.9740, -3.9312, 0.8998 looks on a white background.

Color Contrast Check

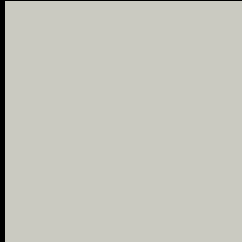
Large Text (above 18pt) WCAG AA × Fail

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 200.9740, -3.9312, 0.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

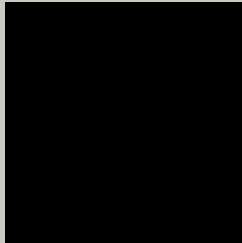
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

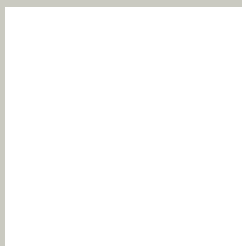
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.9740, -3.9312, 0.8998

Background



This preview shows how black text looks on a background with the YUV color 200.9740, -3.9312, 0.8998.



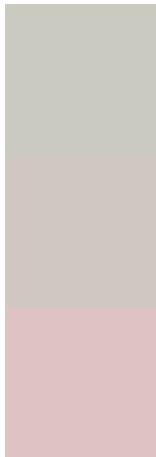
This preview shows how white text looks on a background with the YUV color 200.9740, -3.9312,

0.8998.

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

200.9740, -3.9312, 0.8998

Protanopia

201.1810, -4.5262, 5.1033

Deuteranopia

203.2580, -4.5642, 17.3137



Tritanopia

202.5040, 5.6675, 2.1890

Trichromacy



Original Color

200.9740, -3.9312, 0.8998

Protanomaly

201.1700, -4.5208, 3.3589

Deuteranomaly

202.6270, -4.2531, 10.8511

Tritanomaly

201.8800, 2.0312, 1.8592

Monochromacy



Original Color

200.9740, -3.9312, 0.8998

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9740, -3.9312, 0.8998 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(202, 202, 193)` looks like.

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

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

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

Border

The CSS property to change the border of an element to YUV 200.9740, -3.9312, 0.8998 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(202, 202, 193) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 200.9740, -3.9312, 0.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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