

Converting Colors

YUV(199.8390, -9.2876, -7.7518)

Have a look what the booklet for
YUV(199.8390, -9.2876, -7.7518)
contains.

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Color

**YUV(199.8390, -9.2876,
-7.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD0B5
RGB	191, 208, 181
RGB Percent	75%, 82%, 71%
CMY	0.2510, 0.1843, 0.2902
CMYK	0.08, 0.00, 0.13, 0.18
HSL	98°, 22%, 76%
HSV	98°, 13%, 82%
XYZ	52.3822, 59.5243, 52.4446
YIQ	199.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

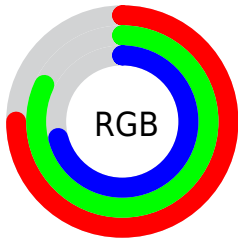
Format	Color
RYB	181, 208, 198
Decimal	12570805
CIELab	81.58, -10.66, 11.46
CIELCh	82, 15.655, 132.919
Yxy	59.5243, 0.3187, 0.3622
Android (android.graphics.Color)	4290760885 (0xFFBFD0B5)
YUV	199.8390, -9.2876, -7.7518
Hunter-Lab	77.1520, -13.8237, 13.7036

Details

The YUV color **199.8390, -9.2876, -7.7518** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **189.1610, 9.2876, 7.7518**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5560, -6.6831, -3.1186**, and **145.9530, -8.8508, -7.8518** is the 20% darker color. If you saturate the color by 10%, you get **193.5580, -16.5441, -13.6444**, and if you desaturate by 10%, it is **206.1200, -2.0312, -1.8592**.

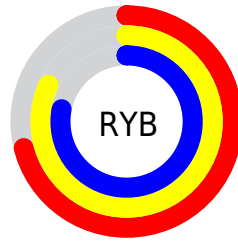
Distribution



Red (75%)

Green (82%)

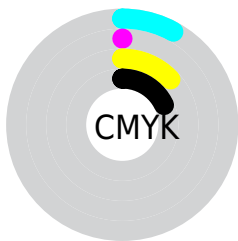
Blue (71%)



Red (71%)

Yellow (82%)

Blue (78%)

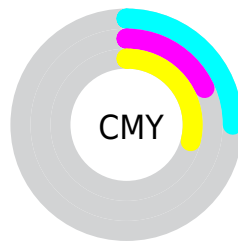


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8390, -9.2876, -7.7518 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 199.8390, -9.2876, -7.7518 by changing the saturation by 10% instead.

■ 199.8390, -9.2876,
-7.7518

■ 199.8390, -9.2876,
-7.7518

255.0000, 0.0000,
0.0000

■ 172.2520, -8.9982,
-7.2370

■ 250.5560, -6.6831,
-3.1186

■ 145.9530, -8.8508,
-7.8518

■ 120.3660, -8.5614,
-7.3370

■ 95.4800, -8.1246,
-7.4370

■ 71.8930, -7.8352,
-6.9222

■ 49.3060, -7.5459,
-6.4074

■ 27.7190, -7.2565,

-5.8926

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 199.8390, -9.2876,
-7.7518

■ 199.8390, -9.2876,
-7.7518

■ 193.5580,
-16.5441, -13.6444

■ 206.1200, -2.0312,
-1.8592

■ 187.2770,
-23.8006, -19.5369

■ 212.4010, 5.2253,
4.0333

■ 181.1100,
-30.6202, -25.5295

■ 218.5680, 12.0450,
10.0259

■ 174.8290,
-37.8767, -31.4220

■ 223.8230, 15.3703,
16.8182

■ 168.5480,
-45.1332, -37.3146

■ 227.4110, 13.6014,
24.1956

■ 161.9680,
-52.2422, -43.8219

■ 155.6870,
-59.4987, -49.7145

■ 149.5200,
-66.3184, -55.7070

■ 145.1190,
-71.5437, -59.7404

Harmonies

Analogous

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



201.7760, -13.6936, 5.4584



199.8390, -9.2876, -7.7518



198.5970, -2.2663, -19.8176

Triad

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



199.8390, -9.2876, -7.7518



200.6520, 14.4686, -20.7428



205.7150, -4.2965, 24.8059

Complementary

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



199.8390, -9.2876, -7.7518



189.1610, 9.2876, 7.7518

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.



205.9190, 2.9979, 18.4880



199.8390, -9.2876, -7.7518



203.2130, 13.6990, -7.2028

Square

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



199.8390, -9.2876, -7.7518



198.5110, 11.5801, -27.6351



204.8620, 9.4350, 7.1370



204.6950, -10.6956, 23.9465

Rectangle

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



199.8390, -9.2876, -7.7518



197.3450, 3.2809, -25.7356



204.8620, 9.4350, 7.1370



205.9860, -1.9651, 23.6913

Sweetspot

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



199.8390, -9.2876, -7.7518



252.0660, -3.4835, -2.6889



199.0520, -8.8996, 7.8474



125.7070, -2.3206, -2.3740



0.0000, 0.0000, 0.0000



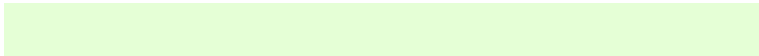
128.0000, 0.0000, 0.0000

Same Dimension

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



199.8390, -9.2876, -7.7518



242.5520, -14.0761, -11.8851



197.1910, -6.5032, -14.1995



101.6530, -3.7729, -3.2037



117.1540, -57.7569, -48.3701



28.5520, -14.0761, -11.8851

Inverse Universe

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



189.1610, 9.2876, 7.7518



226.4480, 14.0761, 11.8851



191.8090, 6.5032, 14.1995



97.3470, 3.7729, 3.2037



50.8460, 57.7569, 48.3701



12.4480, 14.0761, 11.8851

Previews

White Background



This preview shows how the YUV color 199.8390, -9.2876, -7.7518 looks on a white background.

Color Contrast Check

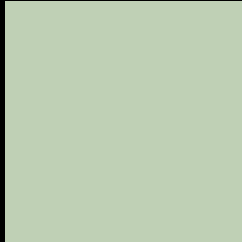
Large Text (above 18pt) WCAG AA × Fail

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 199.8390, -9.2876, -7.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

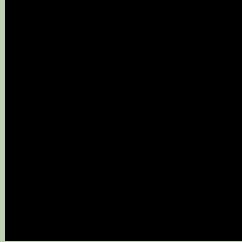
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.8390, -9.2876, -7.7518

Background



This preview shows how black text looks on a background with the YUV color 199.8390, -9.2876, -7.7518.



This preview shows how white text looks on a background with the YUV color 199.8390, -9.2876, -7.7518.

-7.7518.

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

199.8390, -9.2876, -7.7518

Protanopia

202.2540, -11.9572, 8.5472

Deuteranopia

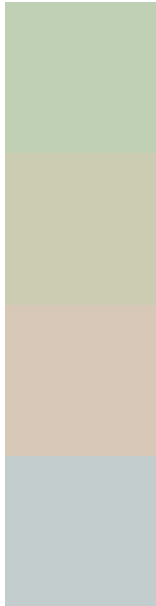
203.9120, -9.8166, 22.0022



Tritanopia

203.0300, 7.8732, -5.2883

Trichromacy



Original Color

199.8390, -9.2876, -7.7518

Protanomaly

201.1500, -10.9199, 2.4995

Deuteranomaly

202.5470, -9.6367, 10.9213

Tritanomaly

202.0100, 1.4741, -6.1478

Monochromacy



Original Color

199.8390, -9.2876, -7.7518

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8390, -9.2876, -7.7518 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(191, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 181)  
}
```

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(191, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 181) }
```

Border

The CSS property to change the border of an element to YUV 199.8390, -9.2876, -7.7518 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(191, 208, 181) }
```


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

```
.border{ border-color:rgb(191, 208, 181) }
```

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

Here you see how a box with a 4 pixel rgb(191, 208, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 199.8390, -9.2876, -7.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 181) }
```

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

```
.background{ background-color: rgb(191,  
208, 181) }
```

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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