

Converting Colors

YUV(209.9740, -7.3822,
-12.2552)

Have a look what the booklet for
YUV(209.9740, -7.3822, -12.2552)
contains.

YUV(209.9740, -7.3822, -12.2552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(209.9740, -7.3822,
-12.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DCC3
RGB	196, 220, 195
RGB Percent	77%, 86%, 76%
CMY	0.2314, 0.1373, 0.2353
CMYK	0.11, 0.00, 0.11, 0.14
HSL	118°, 26%, 81%
HSV	118°, 11%, 86%
XYZ	58.2085, 66.8623, 61.4676
YIQ	209.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

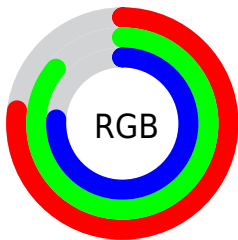
Format	Color
RYB	195, 220, 219
Decimal	12901571
CIELab	85.43, -12.61, 9.59
CIELCh	85, 15.845, 142.743
Yxy	66.8623, 0.3120, 0.3584
Android (android.graphics.Color)	4291091651 (0xFFC4DCC3)
YUV	209.9740, -7.3822, -12.2552
Hunter-Lab	81.7694, -16.0291, 12.6692

Details

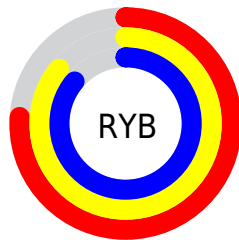
The YUV color **209.9740, -7.3822, -12.2552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.0260, 7.3822, 12.2552**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.0600, -1.0156, -0.9296**, and **155.3870, -7.0928, -11.7404** is the 20% darker color. If you saturate the color by 10%, you get **201.1870, -13.8962, -22.9660**, and if you desaturate by 10%, it is **218.7610, -0.8682, -1.5444**.

Distribution



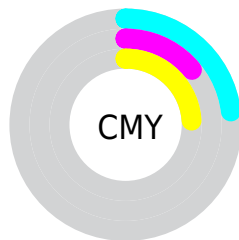
- Red (77%)
- Green (86%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9740, -7.3822, -12.2552 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 209.9740, -7.3822, -12.2552 by changing the saturation by 10% instead.

■ 209.9740, -7.3822,
-12.2552

■ 209.9740, -7.3822,
-12.2552

255.0000, 0.0000,
0.0000

■ 182.3870, -7.0928,
-11.7404

■ 254.0600, -1.0156,
-0.9296

■ 155.3870, -7.0928,
-11.7404

■ 129.5010, -6.6560,
-11.8404

■ 104.2130, -6.5140,
-10.7108

■ 80.3270, -6.0772,
-10.8108

■ 56.7400, -5.7878,
-10.2960

■ 35.2670, -5.0616,

-9.8812

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 209.9740, -7.3822,
-12.2552

■ 209.9740, -7.3822,
-12.2552

■ 201.1870,
-13.8962, -22.9660

■ 218.7610, -0.8682,
-1.5444

■ 192.4000,
-20.4102, -33.6768

■ 227.5480, 5.6458,
9.1664

■ 183.6130,
-26.9242, -44.3876

■ 234.4550, 10.1287,
18.0180

■ 174.8260,
-33.4382, -55.0984

■ 165.7400,
-39.8048, -66.4240

■ 156.9530,
-46.3188, -77.1348

■ 148.1660,
-52.8328, -87.8456

■ 139.3790,
-59.3468, -98.5564

■ 131.8310,
-64.9927, -107.7228

Harmonies

Analogous

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



211.6830, -12.6617, 1.1550



209.9740, -7.3822, -12.2552



208.5580, 0.2179, -23.2914

Triad

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



209.9740, -7.3822, -12.2552



212.2010, 15.1839, -16.8393



216.4440, -6.6279, 25.9206

Complementary

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



209.9740, -7.3822, -12.2552



205.0260, 7.3822, 12.2552

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.



216.9580, 0.5137, 21.9618



209.9740, -7.3822, -12.2552



214.7190, 12.9565, -2.3846

Square

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



209.9740, -7.3822, -12.2552



209.6790, 13.4693, -26.9055



216.1400, 7.8190, 12.1552



215.2280, -12.4374, 22.6020

Rectangle

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



209.9740, -7.3822, -12.2552



207.9040, 5.4703, -27.9798



216.1400, 7.8190, 12.1552



216.0140, -4.4439, 25.4207

Sweetspot

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



209.9740, -7.3822, -12.2552



251.9950, -2.4625, -3.5036



216.5630, -10.6306, 3.0142



125.8210, -1.8838, -2.4740



0.0000, 0.0000, 0.0000



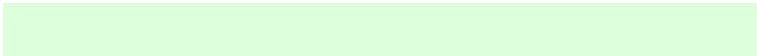
128.0000, 0.0000, 0.0000

Same Dimension

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



209.9740, -7.3822, -12.2552



240.7300, -10.7129, -17.3032



210.9290, -2.4300, -13.9697



105.4570, -3.1833, -5.6628



103.6440, -51.0965, -84.7568



27.6000, -13.6068, -22.4512

Inverse Universe

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



205.0260, 7.3822, 12.2552



233.5690, 10.5655, 17.9180



204.0710, 2.4300, 13.9697



103.2440, 3.3307, 5.0480



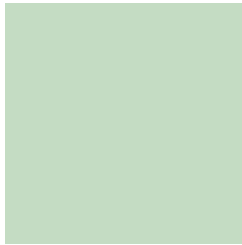
69.3560, 51.0965, 84.7568



18.4000, 13.6068, 22.4512

Previews

White Background



This preview shows how the YUV color 209.9740, -7.3822, -12.2552 looks on a white background.

Color Contrast Check

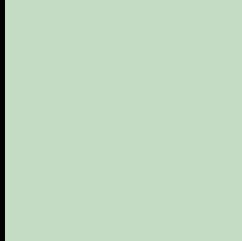
Large Text (above 18pt) WCAG AA × Fail

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 209.9740, -7.3822, -12.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

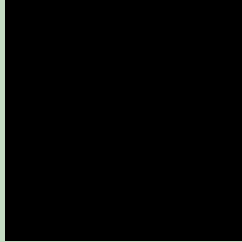
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.9740, -7.3822, -12.2552

Background



This preview shows how black text looks on a background with the YUV color 209.9740, -7.3822, -12.2552.



This preview shows how white text looks on a background with the YUV color 209.9740, -7.3822, -12.2552.

-12.2552.

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

209.9740, -7.3822, -12.2552

Protanopia

212.5960, -10.6468, 8.2473

Deuteranopia

214.9550, -8.3588, 21.0875



Tritanopia

213.0510, 9.3419, -9.6917

Trichromacy



Original Color

209.9740, -7.3822, -12.2552

Protanomaly

211.7800, -9.7515, 1.0699

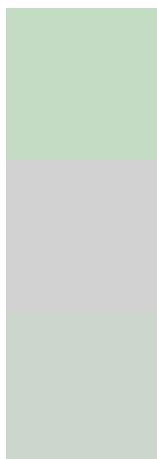
Deuteranomaly

212.9920, -7.8841, 8.7770

Tritanomaly

212.1450, 3.3795, -10.6512

Monochromacy



Original Color

209.9740, -7.3822, -12.2552

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9740, -7.3822, -12.2552 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(196, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 195)  
}
```

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(196, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 195) }
```

Border

The CSS property to change the border of an element to YUV 209.9740, -7.3822, -12.2552 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(196, 220, 195) }
```


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

```
.border{ border-color:rgb(196, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 220,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 209.9740, -7.3822, -12.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 195) }
```

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

```
.background{ background-color: rgb(196,  
220, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor