

Converting Colors

YUV(209.7800, -13.2025,
-12.0851)

Have a look what the booklet for
YUV(209.7800, -13.2025, -12.0851)
contains.

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Color

**YUV(209.7800, -13.2025,
-12.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DEB7
RGB	196, 222, 183
RGB Percent	77%, 87%, 72%
CMY	0.2314, 0.1294, 0.2824
CMYK	0.12, 0.00, 0.18, 0.13
HSL	100°, 37%, 79%
HSV	100°, 18%, 87%
XYZ	57.4335, 67.3972, 54.7816
YIQ	209.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

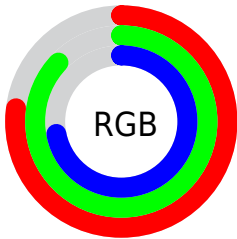
Format	Color
RYB	183, 222, 209
Decimal	12902071
CIELab	85.70, -15.67, 16.28
CIElCh	86, 22.595, 133.897
Yxy	67.3972, 0.3198, 0.3752
Android (android.graphics.Color)	4291092151 (0xFFC4DEB7)
YUV	209.7800, -13.2025, -12.0851
Hunter-Lab	82.0958, -18.7907, 17.9035

Details

The YUV color **209.7800, -13.2025, -12.0851** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195.2200, 13.2025, 12.0851**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.5780, -6.6940, 0.3701**, and **155.3070, -12.4764, -11.6702** is the 20% darker color. If you saturate the color by 10%, you get **202.7870, -20.6010, -19.1072**, and if you desaturate by 10%, it is **216.7730, -5.8041, -5.0629**.

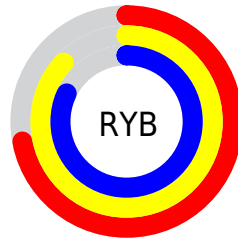
Distribution



Red (77%)

Green (87%)

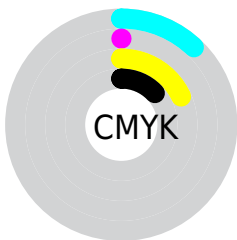
Blue (72%)



Red (72%)

Yellow (87%)

Blue (82%)

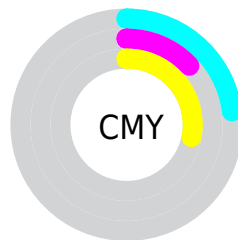


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7800, -13.2025, -12.0851 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 209.7800, -13.2025, -12.0851 by changing the saturation by 10% instead.

■ 209.7800,
-13.2025, -12.0851

■ 209.7800,
-13.2025, -12.0851

255.0000, 0.0000,
0.0000

■ 182.1930,
-12.9131, -11.5703

■ 252.5780, -6.6940,
0.3701

■ 155.3070,
-12.4764, -11.6702

■ 128.8340,
-11.7502, -11.2554

■ 103.8340,
-11.7502, -11.2554

■ 79.3610, -11.0240,
-10.8406

■ 56.7740, -10.7346,
-10.3258

■ 34.3010, -10.0084,

-9.9110

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 209.7800,
-13.2025, -12.0851

■ 209.7800,
-13.2025, -12.0851

■ 202.7870,
-20.6010, -19.1072

■ 216.7730, -5.8041,
-5.0629

■ 195.7940,
-27.9994, -26.1293

■ 223.7660, 1.5944,
1.9592

■ 188.9860,
-35.9821, -32.4367

■ 230.5740, 9.5770,
8.2666

■ 181.9930,
-43.3805, -39.4589

■ 235.6290, 9.5499,
16.9884

■ 175.0000,
-50.7790, -46.4810

■ 168.0070,
-58.1775, -53.5031

■ 161.0140,
-65.5759, -60.5253

■ 154.2060,
-73.5586, -66.8327

■ 152.4400,
-75.1529, -68.7919

Harmonies

Analogous

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



212.2940, -19.3719, 6.7582



209.7800, -13.2025, -12.0851



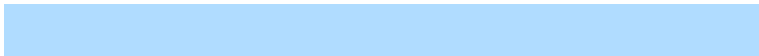
207.4170, -2.6706, -30.1837

Triad

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



209.7800, -13.2025, -12.0851



210.8340, 21.7738, -30.5494



216.4280, -5.6340, 33.8276

Complementary

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



209.7800, -13.2025, -12.0851



195.2200, 13.2025, 12.0851

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.



218.0280, 4.4232, 28.0394



209.7800, -13.2025, -12.0851



214.7980, 19.8196, -10.3468

Square

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



209.7800, -13.2025, -12.0851



207.0190, 17.7386, -42.9897



217.6220, 13.4974, 10.8555



216.6100, -15.0907, 33.6680

Rectangle

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



209.7800, -13.2025, -12.0851



206.3110, 4.7767, -38.8607



217.6220, 13.4974, 10.8555



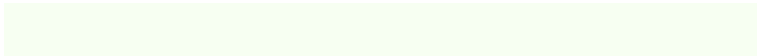
217.2260, -2.5764, 33.1278

Sweetspot

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



209.7800, -13.2025, -12.0851



251.1260, -4.4991, -3.6185



209.9230, -13.2730, 10.5915



125.2940, -2.6099, -2.8888



0.0000, 0.0000, 0.0000



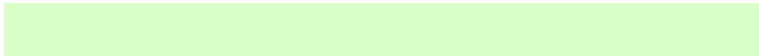
128.0000, 0.0000, 0.0000

Same Dimension

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



209.7800, -13.2025, -12.0851



238.0800, -18.2804, -16.7332



206.5770, -8.6655, -20.6770



108.6530, -3.7729, -3.2037



120.9530, -59.6298, -54.3328



32.9600, -16.2493, -14.8739

Inverse Universe

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



195.2200, 13.2025, 12.0851



217.9200, 18.2804, 16.7332



198.4230, 8.6655, 20.6770



104.3470, 3.7729, 3.2037



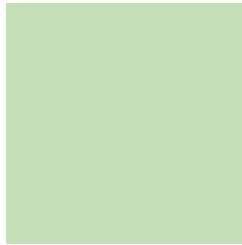
55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Previews

White Background



This preview shows how the YUV color 209.7800, -13.2025, -12.0851 looks on a white background.

Color Contrast Check

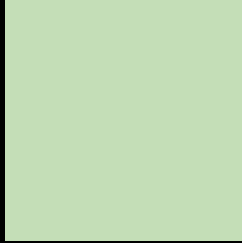
Large Text (above 18pt) WCAG AA × Fail

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 209.7800, -13.2025, -12.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

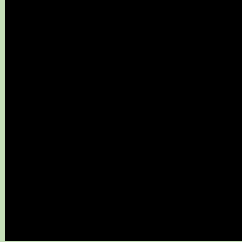
Any Text WCAG AA ✓ Pass

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 209.7800, -13.2025, -12.0851 Background



This preview shows how black text looks on a background with the YUV color 209.7800, -13.2025, -12.0851.



This preview shows how white text looks on a background with the YUV color 209.7800, -13.2025, -12.0851.

-12.0851.

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

209.7800, -13.2025, -12.0851

Protanopia

213.0110, -16.7674, 11.3914

Deuteranopia

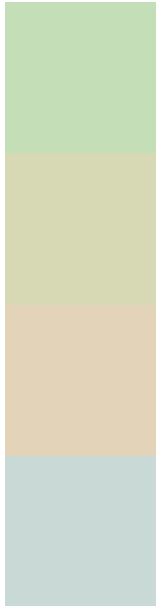
215.0820, -14.3374, 25.3611



Tritanopia

213.6490, 9.0470, -8.4622

Trichromacy



Original Color

209.7800, -13.2025, -12.0851

Protanomaly

211.5970, -15.5773, 2.9844

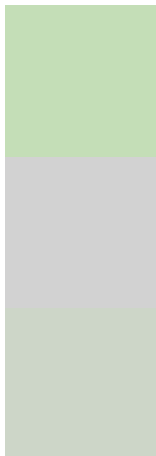
Deuteranomaly

213.4070, -14.0047, 11.9211

Tritanomaly

212.4610, 0.7587, -10.0513

Monochromacy



Original Color

209.7800, -13.2025, -12.0851

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7130, -4.7885, -4.1333

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7800, -13.2025, -12.0851 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, 222, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 222, 183)  
}
```

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, 222, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 222, 183) }
```

Border

The CSS property to change the border of an element to YUV 209.7800, -13.2025, -12.0851 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, 222, 183) }
```


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

```
.border{ border-color:rgb(196, 222, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 222, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 222, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 222, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 222,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 209.7800, -13.2025, -12.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 222, 183) }
```

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

```
.background{ background-color: rgb(196,  
222, 183) }
```

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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