

Converting Colors

YUV(209.0010, -25.1435,
-8.7709)

Have a look what the booklet for
YUV(209.0010, -25.1435, -8.7709)
contains.

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Color

**YUV(209.0010, -25.1435,
-8.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E09E
RGB	199, 224, 158
RGB Percent	78%, 88%, 62%
CMY	0.2196, 0.1216, 0.3804
CMYK	0.11, 0.00, 0.29, 0.12
HSL	83°, 52%, 75%
HSV	83°, 29%, 88%
XYZ	56.3804, 67.9220, 42.4865
YIQ	209.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

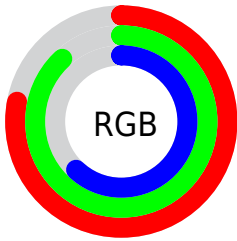
Format	Color
RYB	158, 224, 183
Decimal	13099166
CIELab	85.97, -19.40, 29.66
CIElCh	86, 35.440, 123.192
Yxy	67.9220, 0.3380, 0.4072
Android (android.graphics.Color)	4291289246 (0xFFC7E09E)
YUV	209.0010, -25.1435, -8.7709
Hunter-Lab	82.4148, -22.1132, 27.1252

Details

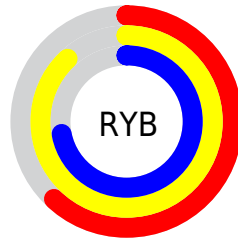
The YUV color $209.0010, -25.1435, -8.7709$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $172.9990, 25.1435, 8.7709$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, -18.3455, 4.1991$, and $154.3430, -23.8331, -9.0708$ is the 20% darker color. If you saturate the color by 10%, you get $204.1010, -33.5738, -11.4896$, and if you desaturate by 10%, it is $213.9010, -16.7132, -6.0522$.

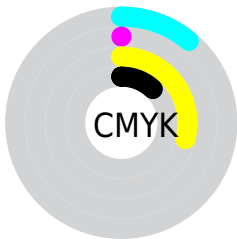
Distribution



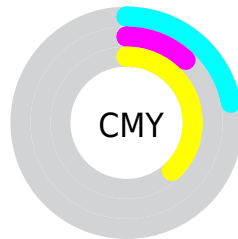
- Red (78%)
- Green (88%)
- Blue (62%)



- Red (62%)
- Yellow (88%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (12%)




- Cyan (22%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 209.0010, -25.1435, -8.7709 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 209.0010, -25.1435, -8.7709 by changing the saturation by 10% instead.


 209.0010,
-25.1435, -8.7709


 209.0010,
-25.1435, -8.7709

255.0000, 0.0000,
0.0000

 181.2290,
-24.2699, -8.9708


 250.2120,
-18.3455, 4.1991


 154.3430,
-23.8331, -9.0708

 253.5180, -5.6784,
1.2997

 127.8700,
-23.1069, -8.6560

 102.9840,
-22.6701, -8.7560

 78.2120, -21.7965,
-8.9559

 54.3260, -21.3597,
-9.0559

 33.8790, -16.7023,

-9.5409

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 209.0010,
-25.1435, -8.7709

■ 209.0010,
-25.1435, -8.7709

■ 204.1010,
-33.5738, -11.4896

■ 213.9010,
-16.7132, -6.0522

■ 198.7880,
-42.2935, -14.7231

■ 219.2140, -7.9935,
-2.8187

■ 193.8880,
-50.7238, -17.4418

■ 224.1140, 0.4368,
-0.1000

■ 188.5750,
-59.4435, -20.6753

■ 229.4270, 9.1565,
3.1335

■ 183.6750,
-67.8738, -23.3940

■ 232.6170, 11.0348,
7.3519

■ 178.4760,
-76.1567, -26.7275

■ 235.3080, 9.7082,
12.8849

■ 173.4620,
-85.0238, -29.3462

■ 236.8030, 8.9711,
15.9588

■ 173.0490,
-85.3132, -29.8610

Harmonies

Analogous

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



212.7550, -31.9242, 19.5089



209.0010, -25.1435, -8.7709



204.4130, -10.0636, -38.9502

Triad

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



209.0010, -25.1435, -8.7709



201.1890, 26.5288, -62.4328



212.0570, 0.4649, 37.6610

Complementary

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



209.0010, -25.1435, -8.7709



172.9990, 25.1435, 8.7709

Split Complementary

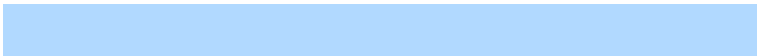
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.7540, 13.4323, 31.7877



209.0010, -25.1435, -8.7709



209.3720, 22.4946, -28.3902

Square

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



209.0010, -25.1435, -8.7709



196.7910, 26.7250, -78.7467



216.3810, 19.0392, 6.6819



210.0560, -14.8176, 39.4159

Rectangle

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



209.0010, -25.1435, -8.7709



200.6200, 2.6523, -57.5487



216.3810, 19.0392, 6.6819



213.8980, 4.9803, 36.0465

Sweetspot

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



209.0010, -25.1435, -8.7709



249.6870, -8.7197, -3.2335



191.8220, -16.6742, 28.2201



124.4960, -5.6675, -2.1890



0.0000, 0.0000, 0.0000



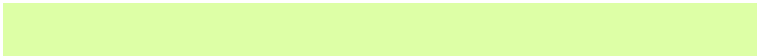
128.0000, 0.0000, 0.0000

Same Dimension

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



209.0010, -25.1435, -8.7709



234.6880, -33.8632, -12.0044



199.4330, -20.4265, -28.4437



109.5500, -4.2151, -1.3593



135.9030, -67.0002, -23.5939



37.1460, -18.3130, -6.2670

Inverse Universe

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



172.9990, 25.1435, 8.7709



186.3120, 33.8632, 12.0044



182.5670, 20.4265, 28.4437



103.4500, 4.2151, 1.3593



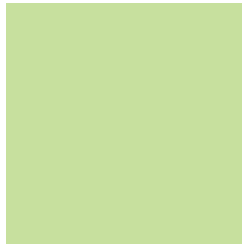
40.0970, 67.0002, 23.5939



10.8540, 18.3130, 6.2670

Previews

White Background



This preview shows how the YUV color 209.0010, -25.1435, -8.7709 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 209.0010, -25.1435, -8.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

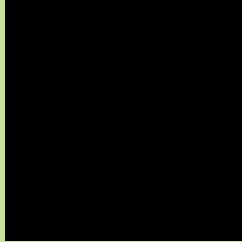
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.0010, -25.1435, -8.7709

Background



This preview shows how black text looks on a background with the YUV color 209.0010, -25.1435, -8.7709.



This preview shows how white text looks on a background with the YUV color 209.0010, -25.1435, -8.7709.

-8.7709.

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

209.0010, -25.1435, -8.7709

Protanopia

212.2430, -28.7138, 16.4499

Deuteranopia

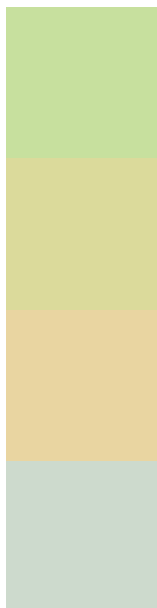
215.0370, -26.1472, 33.2936



Tritanopia

215.1440, 8.3100, -5.3883

Trichromacy



Original Color

209.0010, -25.1435, -8.7709

Protanomaly

211.1170, -27.6657, 6.9134

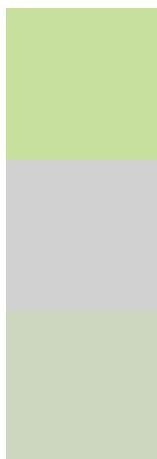
Deuteranomaly

213.0520, -25.6616, 17.4944

Tritanomaly

212.6310, -3.7621, -6.6924

Monochromacy



Original Color

209.0010, -25.1435, -8.7709

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.5730, -9.1565, -3.1335

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.0010, -25.1435, -8.7709 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(199, 224, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 158)  
}
```

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(199, 224, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 158) }
```

Border

The CSS property to change the border of an element to YUV 209.0010, -25.1435, -8.7709 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(199, 224, 158) }
```


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

```
.border{ border-color:rgb(199, 224, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 209.0010, -25.1435, -8.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 158) }
```

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

```
.background{ background-color: rgb(199,  
224, 158) }
```

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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