

Converting Colors

YUV(208.7510, -9.2442,
-21.7066)

Have a look what the booklet for
YUV(208.7510, -9.2442, -21.7066)
contains.

YUV(208.7510, -9.2442, -21.7066)	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(208.7510, -9.2442,
-21.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E1BE
RGB	184, 225, 190
RGB Percent	72%, 88%, 75%
CMY	0.2784, 0.1176, 0.2549
CMYK	0.18, 0.00, 0.16, 0.12
HSL	129°, 41%, 80%
HSV	129°, 18%, 88%
XYZ	55.9866, 67.7585, 58.8431
YIQ	208.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

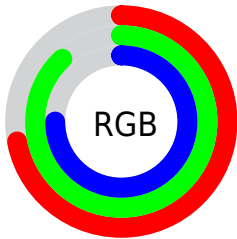
Format	Color
RYB	184, 220, 225
Decimal	12116414
CIELab	85.89, -20.03, 12.76
CIELCh	86, 23.746, 147.505
Yxy	67.7585, 0.3066, 0.3711
Android (android.graphics.Color)	4290306494 (0xFFB8E1BE)
YUV	208.7510, -9.2442, -21.7066
Hunter-Lab	82.3155, -22.6460, 15.2376

Details

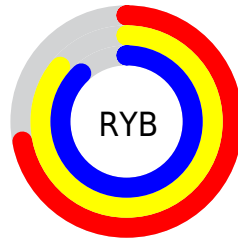
The YUV color **208.7510, -9.2442, -21.7066** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.2490, 9.2442, 21.7066**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.4890, -1.7201, -8.3219**, and **154.2780, -8.5181, -21.2918** is the 20% darker color. If you saturate the color by 10%, you get **200.0070, -14.3005, -33.3321**, and if you desaturate by 10%, it is **217.7940, -4.3354, -9.4663**.

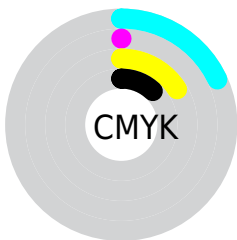
Distribution



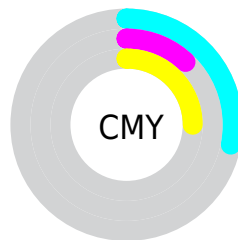
- Red (72%)
- Green (88%)
- Blue (75%)



- Red (72%)
- Yellow (86%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7510, -9.2442, -21.7066 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 208.7510, -9.2442, -21.7066 by changing the saturation by 10% instead.

■ 208.7510, -9.2442,
-21.7066

■ 208.7510, -9.2442,
-21.7066

255.0000, 0.0000,
0.0000

■ 181.1640, -8.9549,
-21.1918

■ 249.4890, -1.7201,
-8.3219

■ 154.2780, -8.5181,
-21.2918

■ 127.9900, -8.3761,
-20.1622

■ 102.5170, -7.6499,
-19.7474

■ 77.9300, -7.3605,
-19.2326

■ 55.0440, -6.9237,
-19.3326

■ 32.0870, -5.4659,

-20.2473

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 208.7510, -9.2442,
-21.7066

■ 208.7510, -9.2442,
-21.7066

■ 200.0070,
-14.3005, -33.3321

■ 217.7940, -4.3354,
-9.4663

■ 190.9640,
-19.2093, -45.5724

■ 226.5380, 0.7208,
2.1592

■ 182.1060,
-24.7023, -57.0980

■ 235.3960, 6.2138,
13.6847

■ 173.0630,
-29.6111, -69.3383

■ 237.3900, 8.6817,
15.4440

■ 164.0200,
-34.5199, -81.5785

■ 155.2760,
-39.5761, -93.2041

■ 146.2330,
-44.4849, -105.4443

■ 137.3750,
-49.9779, -116.9699

■ 135.8370,
-50.6986, -119.1290

Harmonies

Analogous

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



211.8800, -18.1818, -1.6488



208.7510, -9.2442, -21.7066



206.4420, 2.7401, -38.9756

Triad

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



208.7510, -9.2442, -21.7066



212.0630, 21.1679, -22.8573



215.8750, -10.2914, 34.3126

Complementary

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



208.7510, -9.2442, -21.7066



200.2490, 9.2442, 21.7066

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.



217.7960, -0.3924, 32.6279



208.7510, -9.2442, -21.7066



216.9240, 18.7715, -0.8103

Square

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



208.7510, -9.2442, -21.7066



208.6540, 21.3696, -40.9156



218.7650, 9.9759, 20.3771



215.9750, -18.7217, 31.5939

Rectangle

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



208.7510, -9.2442, -21.7066



205.7600, 10.4713, -45.3935



218.7650, 9.9759, 20.3771



216.0860, -6.9444, 34.1276

Sweetspot

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



208.7510, -9.2442, -21.7066



249.8590, -2.8885, -6.8923



218.8310, -17.1717, 1.0252



124.8100, -1.8783, -4.2184



0.0000, 0.0000, 0.0000



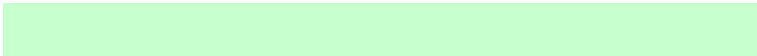
128.0000, 0.0000, 0.0000

Same Dimension

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



208.7510, -9.2442, -21.7066



232.7840, -12.7115, -29.6286



211.0310, -0.5083, -23.7062



107.6850, -2.3097, -5.8627



106.2760, -39.5761, -93.2041



28.9740, -10.8332, -25.4102

Inverse Universe

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



200.2490, 9.2442, 21.7066



221.2160, 12.7115, 29.6286



197.9690, 0.5083, 23.7062



105.4290, 2.7465, 5.7628



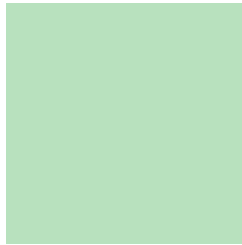
69.7240, 39.5761, 93.2041



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 208.7510, -9.2442, -21.7066 looks on a white background.

Color Contrast Check

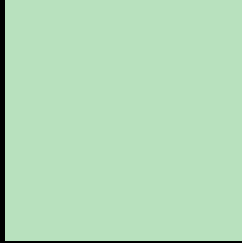
Large Text (above 18pt) WCAG AA × Fail

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 208.7510, -9.2442, -21.7066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

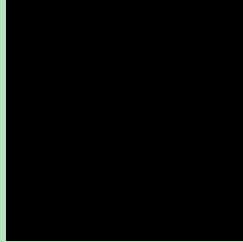
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7510, -9.2442, -21.7066

Background



This preview shows how black text looks on a background with the YUV color 208.7510, -9.2442, -21.7066.



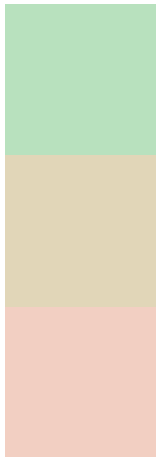
This preview shows how white text looks on a background with the YUV color 208.7510, -9.2442, -21.7066.

-21.7066.

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



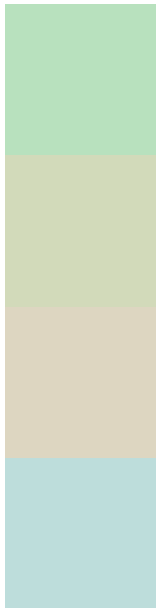
Original Color
208.7510, -9.2442, -21.7066
Protanopia
213.8690, -14.7254, 9.7619
Deuteranopia
215.9830, -10.8376, 22.8169



Tritanopia

212.8650, 11.4056, -18.2986

Trichromacy



Original Color

208.7510, -9.2442, -21.7066

Protanomaly

211.9600, -12.7983, -1.7189

Deuteranomaly

213.6990, -10.2046, 6.4030

Tritanomaly

211.2040, 3.8434, -19.4729

Monochromacy



Original Color

208.7510, -9.2442, -21.7066

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0330, -3.4673, -7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7510, -9.2442, -21.7066 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(184, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(184, 225, 190)  
}
```

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(184, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 225, 190) }
```

Border

The CSS property to change the border of an element to YUV 208.7510, -9.2442, -21.7066 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(184, 225, 190) }
```


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

```
.border{ border-color:rgb(184, 225, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 225, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(184, 225,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 208.7510, -9.2442, -21.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 225, 190) }
```

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

```
.background{ background-color: rgb(184,  
225, 190) }
```

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