

Converting Colors

YUV(208.3810, -8.0758,
-23.1361)

Have a look what the booklet for
YUV(208.3810, -8.0758, -23.1361)
contains.

YUV(208.3810, -8.0758, -23.1361)	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(208.3810, -8.0758,
-23.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E1C0
RGB	182, 225, 192
RGB Percent	71%, 88%, 75%
CMY	0.2863, 0.1176, 0.2471
CMYK	0.19, 0.00, 0.15, 0.12
HSL	134°, 42%, 80%
HSV	134°, 19%, 88%
XYZ	55.7310, 67.6013, 59.9802
YIQ	208.3810, -15.0350, -19.3790

Conversions

Conversions Part 2

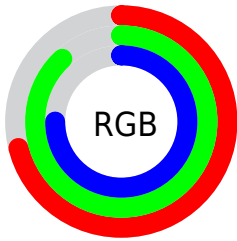
Format	Color
RYB	182, 217, 225
Decimal	11985344
CIELab	85.81, -20.33, 11.58
CIELCh	86, 23.394, 150.335
Yxy	67.6013, 0.3040, 0.3688
Android (android.graphics.Color)	4290175424 (0xFFB6E1C0)
YUV	208.3810, -8.0758, -23.1361
Hunter-Lab	82.2200, -22.8926, 14.3014

Details

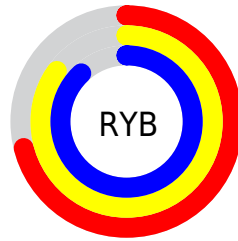
The YUV color **208.3810, -8.0758, -23.1361** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **198.6190, 8.0758, 23.1361**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1190, -0.5517, -9.7514**, and **153.9080, -7.3496, -22.7213** is the 20% darker color. If you saturate the color by 10%, you get **199.8650, -12.2584, -34.9616**, and if you desaturate by 10%, it is **217.1960, -4.0406, -10.6959**.

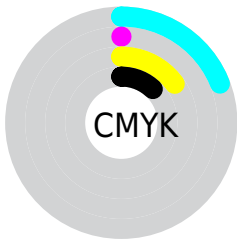
Distribution



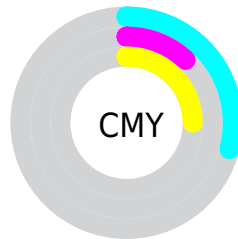
- Red (71%)
- Green (88%)
- Blue (75%)



- Red (71%)
- Yellow (85%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (29%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.3810, -8.0758, -23.1361 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 208.3810, -8.0758, -23.1361 by changing the saturation by 10% instead.

 208.3810, -8.0758,
-23.1361

 208.3810, -8.0758,
-23.1361


255.0000, 0.0000,
0.0000


 180.7940, -7.7864,
-22.6213


 249.1190, -0.5517,
-9.7514

 153.9080, -7.3496,
-22.7213

 127.6200, -7.2077,
-21.5917

 102.0330, -6.9183,
-21.0769

 77.5600, -6.1921,
-20.6621

 54.6740, -5.7553,
-20.7621

 31.6030, -4.7343,

-21.5768

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 208.3810, -8.0758,
-23.1361

■ 208.3810, -8.0758,
-23.1361

■ 199.8650,
-12.2584, -34.9616

■ 217.1960, -4.0406,
-10.6959

■ 190.9360,
-16.7304, -47.3019

■ 225.8260, 0.5788,
1.0296

■ 182.4200,
-20.9131, -59.1273

■ 234.6410, 4.6140,
13.4698

■ 173.6050,
-24.9483, -71.5676

■ 237.3900, 8.6817,
15.4440

■ 165.0890,
-29.1309, -83.3931

■ 156.1600,
-33.6029, -95.7333

■ 147.3450,
-37.6381, -108.1736

■ 138.8290,
-41.8207, -119.9990

■ 138.0030,
-42.3995, -121.0286

Harmonies

Analogous

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



211.0970, -17.3028, -3.5931



208.3810, -8.0758, -23.1361



206.0830, 3.9031, -38.6608

Triad

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



208.3810, -8.0758, -23.1361



212.3730, 21.0151, -20.4981



215.6470, -11.1650, 34.5126

Complementary

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



208.3810, -8.0758, -23.1361



198.6190, 8.0758, 23.1361

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.



217.5680, -1.2660, 32.8279



208.3810, -8.0758, -23.1361



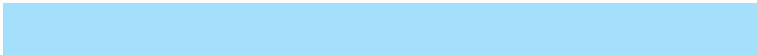
217.0060, 17.7450, 1.7487

Square

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



208.3810, -8.0758, -23.1361



208.6650, 21.3642, -39.1712



218.5480, 9.0968, 22.3214



215.8500, -19.1530, 29.9496

Rectangle

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



208.3810, -8.0758, -23.1361



205.7000, 11.4869, -44.4639



218.5480, 9.0968, 22.3214



215.8580, -7.8180, 34.3275

Sweetspot

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



208.3810, -8.0758, -23.1361



249.1470, -3.0305, -8.0219



217.4070, -17.4557, -1.2339



124.5110, -1.7309, -4.8331



0.0000, 0.0000, 0.0000



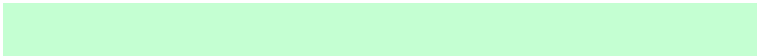
128.0000, 0.0000, 0.0000

Same Dimension

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



208.3810, -8.0758, -23.1361



232.2290, -10.9589, -31.7728



210.7750, 1.0969, -25.2357



107.7990, -1.8729, -5.9627



107.9860, -33.0241, -94.7037



29.4300, -9.0860, -25.8101

Inverse Universe

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



198.6190, 8.0758, 23.1361



218.7710, 10.9589, 31.7728



196.2250, -1.0969, 25.2357



105.3150, 2.3097, 5.8627



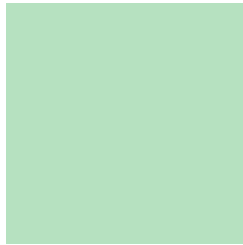
68.0140, 33.0241, 94.7037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 208.3810, -8.0758, -23.1361 looks on a white background.

Color Contrast Check

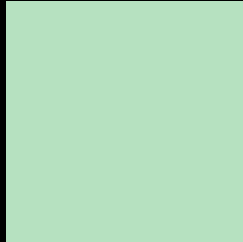
Large Text (above 18pt) WCAG AA × Fail

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 208.3810, -8.0758, -23.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

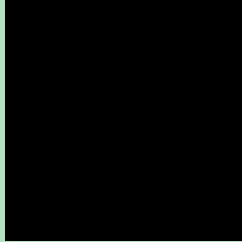
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

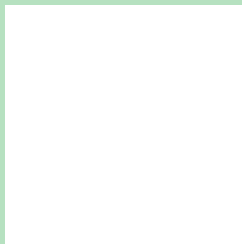
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.3810, -8.0758, -23.1361

Background



This preview shows how black text looks on a background with the YUV color 208.3810, -8.0758, -23.1361.



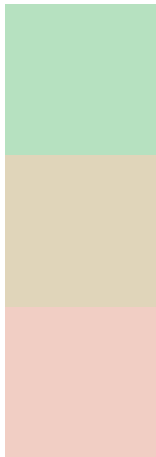
This preview shows how white text looks on a background with the YUV color 208.3810, -8.0758, -23.1361.

-23.1361.

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

208.3810, -8.0758, -23.1361

Protanopia

213.2110, -13.4150, 9.4620

Deuteranopia

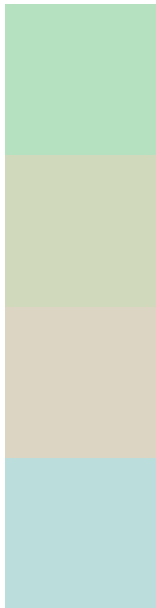
215.3250, -9.5272, 22.5170



Tritanopia

212.2670, 11.7004, -19.5282

Trichromacy



Original Color

208.3810, -8.0758, -23.1361

Protanomaly

211.3020, -11.4879, -2.0189

Deuteranomaly

213.0410, -8.8942, 6.1030

Tritanomaly

210.7200, 4.5750, -20.8024

Monochromacy



Original Color

208.3810, -8.0758, -23.1361

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.3810, -8.0758, -23.1361 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(182, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 225, 192)  
}
```

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(182, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 225, 192) }
```

Border

The CSS property to change the border of an element to YUV 208.3810, -8.0758, -23.1361 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(182, 225, 192) }
```


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

```
.border{ border-color:rgb(182, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 225, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 225, 192); box-shadow:4px 4px 4px 4px rgb(182, 225, 192) }
```

Background

The CSS property to change the background color of an element to YUV 208.3810, -8.0758, -23.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 225, 192) }
```

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

```
.background{ background-color: rgb(182,  
225, 192) }
```

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