

Converting Colors

YUV(207.8760, -8.8129,
-20.0623)

Have a look what the booklet for
YUV(207.8760, -8.8129, -20.0623)
contains.

YUV(207.8760, -8.8129, -20.0623)	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(207.8760, -8.8129,
-20.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFBE
RGB	185, 223, 190
RGB Percent	73%, 87%, 75%
CMY	0.2745, 0.1255, 0.2549
CMYK	0.17, 0.00, 0.15, 0.13
HSL	128°, 37%, 80%
HSV	128°, 17%, 87%
XYZ	55.6895, 66.8073, 58.6752
YIQ	207.8760, -12.0550, -18.3190

Conversions

Conversions Part 2

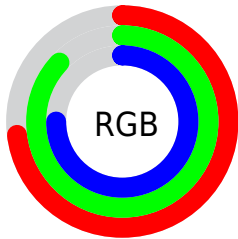
Format	Color
R_{YB}	185, 219, 223
Decimal	12181438
CIE _{Lab}	85.41, -18.71, 12.09
CIE _{LCh}	85, 22.272, 147.134
Yxy	66.8073, 0.3074, 0.3688
Android (android.graphics.Color)	4290371518 (0xFFB9DFBE)
YUV	207.8760, -8.8129, -20.0623
Hunter-Lab	81.7358, -21.4191, 14.6529

Details

The YUV color $207.8760, -8.8129, -20.0623$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $200.1240, 8.8129, 20.0623$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7880, -1.8675, -7.7071$, and $153.4030, -8.0867, -19.6474$ is the 20% darker color. If you saturate the color by 10%, you get $199.1320, -13.8691, -31.6878$, and if you desaturate by 10%, it is $216.6200, -3.7567, -8.4367$.

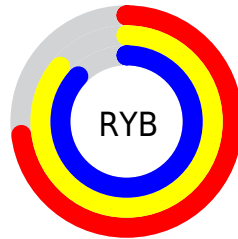
Distribution



Red (73%)

Green (87%)

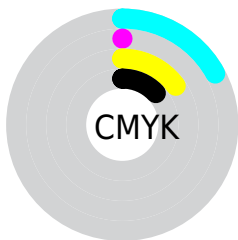
Blue (75%)



Red (73%)

Yellow (86%)

Blue (87%)

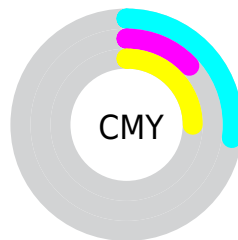


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.8760, -8.8129, -20.0623 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 207.8760, -8.8129, -20.0623 by changing the saturation by 10% instead.

 207.8760, -8.8129,
-20.0623


 207.8760, -8.8129,
-20.0623

255.0000, 0.0000,
0.0000


 180.2890, -8.5235,
-19.5475


 249.7880, -1.8675,
-7.7071

 153.4030, -8.0867,
-19.6474

 127.1150, -7.9447,
-18.5179

 102.2290, -7.5079,
-18.6178

 77.6420, -7.2185,
-18.1030

 54.4680, -6.6397,
-17.0734

 32.3970, -5.6187,

-17.8882

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 207.8760, -8.8129,
-20.0623

■ 207.8760, -8.8129,
-20.0623

■ 199.1320,
-13.8691, -31.6878

■ 216.6200, -3.7567,
-8.4367

■ 189.9750,
-19.2147, -43.8281

■ 225.7770, 1.5889,
3.7036

■ 181.2310,
-24.2709, -55.4536

■ 234.5210, 6.6451,
15.3291

■ 172.4870,
-29.3271, -67.0791

■ 236.2160, 9.2605,
16.4736

■ 163.6290,
-34.8201, -78.6046

■ 154.5860,
-39.7289, -90.8449

■ 145.7280,
-45.2219, -102.3705

■ 136.9840,
-50.2781, -113.9960

■ 134.2070,
-51.8671, -117.6995

Harmonies

Analogous

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



210.5210, -17.0189, -1.3339



207.8760, -8.8129, -20.0623



206.0510, 2.4399, -36.0017

Triad

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



207.8760, -8.8129, -20.0623



211.7750, 21.3099, -21.7277



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.



207.8760, -8.8129, -20.0623



200.1240, 8.8129, 20.0623

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.



217.3830, -0.6818, 32.1131



207.8760, -8.8129, -20.0623



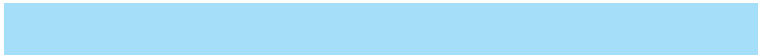
215.5820, 17.4611, -0.5104

Square

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



207.8760, -8.8129, -20.0623



207.6220, 19.9064, -38.2565



217.0530, 9.8339, 19.2475



214.6050, -17.5533, 30.1644

Rectangle

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



207.8760, -8.8129, -20.0623



205.2550, 9.7343, -42.3196



217.0530, 9.8339, 19.2475



216.0860, -6.9444, 34.1276

Sweetspot

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



207.8760, -8.8129, -20.0623



249.8590, -2.8885, -6.8923



217.4720, -16.0087, 1.3401



124.8100, -1.8783, -4.2184



0.0000, 0.0000, 0.0000



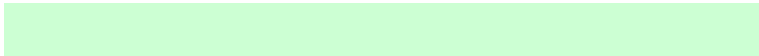
128.0000, 0.0000, 0.0000

Same Dimension

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



207.8760, -8.8129, -20.0623



234.7350, -11.7014, -26.9546



209.9280, -0.9505, -21.8619



107.5710, -2.7465, -5.7628



105.9340, -40.8865, -92.9041



28.8600, -11.2700, -25.3102

Inverse Universe

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



200.1240, 8.8129, 20.0623



224.2650, 11.7014, 26.9546



198.0720, 0.9505, 21.8619



105.4290, 2.7465, 5.7628



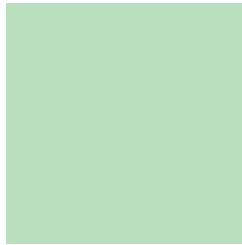
70.0660, 40.8865, 92.9041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 207.8760, -8.8129, -20.0623 looks on a white background.

Color Contrast Check

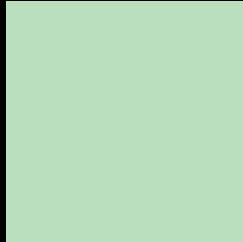
Large Text (above 18pt) WCAG AA × Fail

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 207.8760, -8.8129, -20.0623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

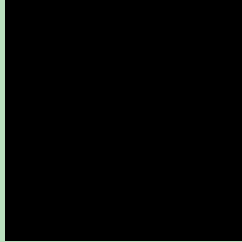
Any Text WCAG AA ✓ Pass

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 207.8760, -8.8129, -20.0623 Background



This preview shows how black text looks on a background with the YUV color 207.8760, -8.8129, -20.0623.



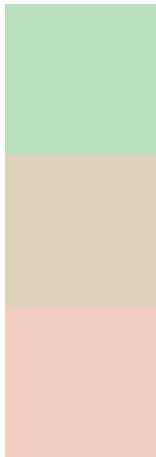
This preview shows how white text looks on a background with the YUV color 207.8760, -8.8129,

-20.0623.

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**

207.8760, -8.8129, -20.0623

Protanopia

212.2110, -13.4150, 9.4620

Deuteranopia

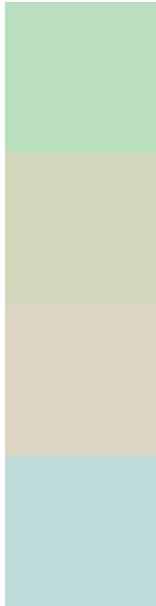
214.5100, -10.1114, 23.2317



Tritanopia

211.7620, 10.9633, -16.4543

Trichromacy



Original Color

207.8760, -8.8129, -20.0623

Protanomaly

210.6010, -11.6353, -1.4041

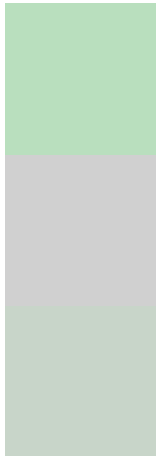
Deuteranomaly

212.5250, -9.6258, 7.4326

Tritanomaly

210.2150, 3.8380, -17.7286

Monochromacy



Original Color

207.8760, -8.8129, -20.0623

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8760, -8.8129, -20.0623 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(185, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 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(185, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 190) }
```

Border

The CSS property to change the border of an element to YUV 207.8760, -8.8129, -20.0623 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(185, 223, 190) }
```


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

```
.border{ border-color:rgb(185, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 207.8760, -8.8129, -20.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 190) }
```

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

```
.background{ background-color: rgb(185,  
223, 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