

Converting Colors

YUV(208.8250, -1.3927,
-20.0175)

Have a look what the booklet for
YUV(208.8250, -1.3927, -20.0175)
contains.

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Color

**YUV(208.8250, -1.3927,
-20.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	BADDCE
RGB	186, 221, 206
RGB Percent	73%, 87%, 81%
CMY	0.2706, 0.1333, 0.1922
CMYK	0.16, 0.00, 0.07, 0.13
HSL	154°, 34%, 80%
HSV	154°, 16%, 87%
XYZ	57.2467, 66.6082, 68.2320
YIQ	208.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

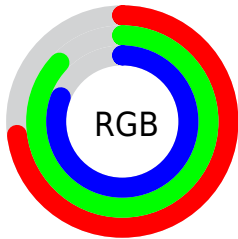
Format	Color
R _Y B	186, 208, 221
Decimal	12246478
CIE Lab	85.31, -14.41, 3.52
CIE LCh	85, 14.831, 166.284
Yxy	66.6082, 0.2980, 0.3468
Android (android.graphics.Color)	4290436558 (0xFFBADDCE)
YUV	208.8250, -1.3927, -20.0175
Hunter-Lab	81.6139, -17.6183, 7.5613

Details

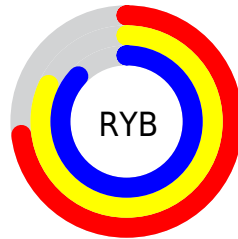
The YUV color $208.8250, -1.3927, -20.0175$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $198.1750, 1.3927, 20.0175$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $154.2380, -1.1033, -19.5027$ is the 20% darker color. If you saturate the color by 10%, you get $201.2210, -2.0810, -32.6428$, and if you desaturate by 10%, it is $216.4290, -0.7045, -7.3922$.

Distribution



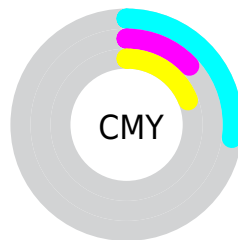
- Red (73%)
- Green (87%)
- Blue (81%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.8250, -1.3927, -20.0175 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 208.8250, -1.3927, -20.0175 by changing the saturation by 10% instead.

■ 208.8250, -1.3927,
-20.0175

■ 208.8250, -1.3927,
-20.0175

255.0000, 0.0000,
0.0000

■ 181.2380, -1.1033,
-19.5027

■ 251.1130, 1.9163,
-7.9921

■ 154.2380, -1.1033,
-19.5027

■ 127.9500, -0.9613,
-18.3731

■ 102.9500, -0.9613,
-18.3731

■ 78.6620, -0.8194,
-17.2436

■ 55.6620, -0.8194,
-17.2436

■ 33.7760, -0.3826,

-17.3436

■ 15.2280, -2.5774,
-13.3550

■ 0.0000, 0.0000,
0.0000

■ 208.8250, -1.3927,
-20.0175

■ 208.8250, -1.3927,
-20.0175

■ 201.2210, -2.0810,
-32.6428

■ 216.4290, -0.7045,
-7.3922

■ 193.5030, -3.2060,
-45.1681

■ 224.1470, 0.4205,
5.1331

■ 185.8990, -3.8942,
-57.7934

■ 231.7510, 1.1088,
17.7584

■ 178.1810, -5.0192,
-70.3187

■ 233.7880, 5.0345,
18.6029

■ 170.2780, -5.5601,
-83.5588

■ 234.8140, 8.9657,
17.7031

■ 162.5600, -6.6851,
-96.0841

■ 235.0420, 9.8393,
17.5032

■ 154.9560, -7.3733,
-108.7094

■ 147.2380, -8.4983,
-121.2347

■ 144.0910, -8.9189,
-126.3678

Harmonies

Analogous

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



210.3550, -8.5560, -9.0813



208.8250, -1.3927, -20.0175



208.0290, 5.9017, -26.3354

Triad

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



208.8250, -1.3927, -20.0175



213.9960, 12.8200, -5.2585



214.9830, -10.8376, 22.8169

Complementary

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



208.8250, -1.3927, -20.0175



198.1750, 1.3927, 20.0175

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.



215.8890, -4.8753, 23.7763



208.8250, -1.3927, -20.0175



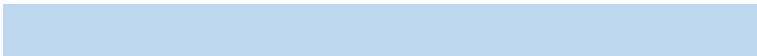
215.3460, 8.7034, 8.4666

Square

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



208.8250, -1.3927, -20.0175



211.2610, 14.1683, -17.7689



215.9900, 1.9769, 19.3028



213.5430, -13.5787, 15.3098

Rectangle

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



208.8250, -1.3927, -20.0175



209.0550, 9.8329, -27.2352



215.9900, 1.9769, 19.3028



215.1510, -8.9484, 23.5466

Sweetspot

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



208.8250, -1.3927, -20.0175



250.5430, -0.2677, -7.4922



211.0300, -12.3398, -8.7963



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



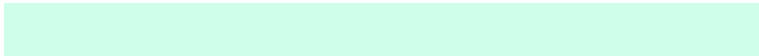
128.0000, 0.0000, 0.0000

Same Dimension

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



208.8250, -1.3927, -20.0175



238.2540, -2.0972, -27.4098



209.3610, 5.7380, -20.4876



106.1410, -0.5625, -6.2627



112.8370, -6.8216, -98.9580



29.9660, -1.9552, -26.2802

Inverse Universe

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



198.1750, 1.3927, 20.0175



223.6320, 1.6604, 27.5097



197.6390, -5.7380, 20.4876



102.7450, 0.1257, 6.3626



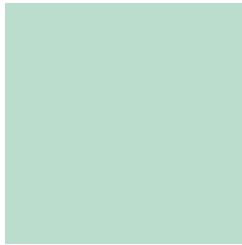
60.1630, 6.8216, 98.9580



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 208.8250, -1.3927, -20.0175 looks on a white background.

Color Contrast Check

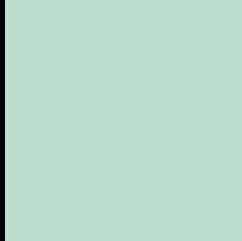
Large Text (above 18pt) WCAG AA × Fail

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 208.8250, -1.3927, -20.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

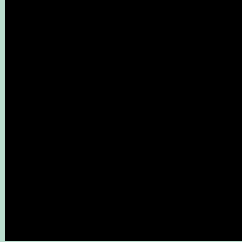
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

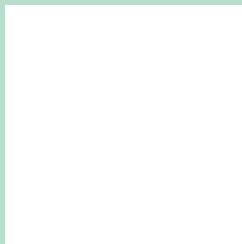
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.8250, -1.3927, -20.0175

Background



This preview shows how black text looks on a background with the YUV color 208.8250, -1.3927, -20.0175.



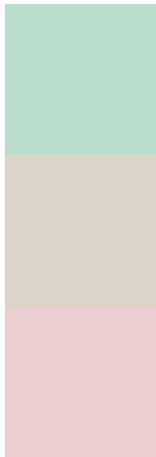
This preview shows how white text looks on a background with the YUV color 208.8250, -1.3927, -20.0175.

-20.0175.

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

208.8250, -1.3927, -20.0175

Protanopia

212.8390, -5.8366, 5.4032

Deuteranopia

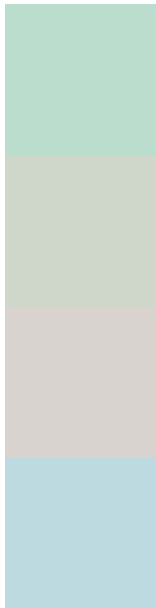
214.7140, -2.8170, 16.9138



Tritanopia

211.1640, 11.2581, -17.6838

Trichromacy



Original Color

208.8250, -1.3927, -20.0175

Protanomaly

211.2400, -4.0623, -3.7185

Deuteranomaly

212.4520, -2.1948, 3.9886

Tritanomaly

210.0130, 6.8956, -18.4284

Monochromacy



Original Color

208.8250, -1.3927, -20.0175

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.8250, -1.3927, -20.0175 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(186, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(186, 221, 206)  
}
```

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(186, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 221, 206) }
```

Border

The CSS property to change the border of an element to YUV 208.8250, -1.3927, -20.0175 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(186, 221, 206) }
```


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

```
.border{ border-color:rgb(186, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 221,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 208.8250, -1.3927, -20.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 221, 206) }
```

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

```
.background{ background-color: rgb(186,  
221, 206) }
```

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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