

Converting Colors

YUV(200.6480, -13.1375,
-33.0173)

Have a look what the booklet for
YUV(200.6480, -13.1375, -33.0173)
contains.

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Color

**YUV(200.6480, -13.1375,
-33.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E1AE
RGB	163, 225, 174
RGB Percent	64%, 88%, 68%
CMY	0.3608, 0.1176, 0.3176
CMYK	0.28, 0.00, 0.23, 0.12
HSL	131°, 51%, 76%
HSV	131°, 28%, 88%
XYZ	49.6695, 64.6930, 49.9135
YIQ	200.6480, -20.5810, -29.0050

Conversions

Conversions Part 2

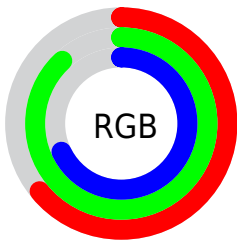
Format	Color
RYB	163, 216, 225
Decimal	10740142
CIELab	84.33, -29.70, 18.76
CIElCh	84, 35.131, 147.717
Yxy	64.6930, 0.3024, 0.3938
Android (android.graphics.Color)	4288930222 (0xFFA3E1AE)
YUV	200.6480, -13.1375, -33.0173
Hunter-Lab	80.4319, -30.5261, 19.5088

Details

The YUV color **200.6480, -13.1375, -33.0173** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187.3520, 13.1375, 33.0173**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3860, -5.6133, -19.6325**, and **145.8870, -12.2693, -31.4729** is the 20% darker color. If you saturate the color by 10%, you get **191.6050, -18.0463, -45.2576**, and if you desaturate by 10%, it is **209.6910, -8.2287, -20.7770**.

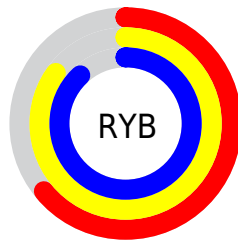
Distribution



Red (64%)

Green (88%)

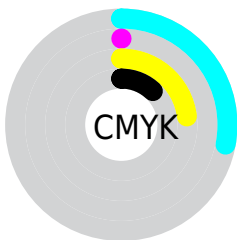
Blue (68%)



Red (64%)

Yellow (85%)

Blue (88%)

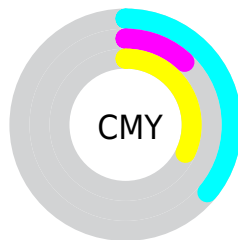


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (36%)

Magenta (12%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6480, -13.1375, -33.0173 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 200.6480, -13.1375, -33.0173 by changing the saturation by 10% instead.

■ 200.6480,
-13.1375, -33.0173

■ 200.6480,
-13.1375, -33.0173

255.0000, 0.0000,
0.0000

■ 173.0610,
-12.8481, -32.5025

■ 241.3860, -5.6133,
-19.6325

■ 145.8870,
-12.2693, -31.4729

■ 252.9070, 1.0318,
-4.3034

■ 120.0010,
-11.8325, -31.5729

■ 94.2290, -10.9589,
-31.7728

■ 69.5710, -9.6485,
-32.0728

■ 43.4070, -7.5957,
-37.1909

■ 26.8710, -11.2754,

-23.5659

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 200.6480,
-13.1375, -33.0173

■ 200.6480,
-13.1375, -33.0173

■ 191.6050,
-18.0463, -45.2576

■ 209.6910, -8.2287,
-20.7770

■ 182.9750,
-22.6657, -56.9831

■ 218.3210, -3.6093,
-9.0515

■ 173.9320,
-27.5745, -69.2234

■ 227.3640, 1.2995,
3.1888

■ 165.3020,
-32.1939, -80.9489

■ 235.9940, 5.9190,
14.9143

■ 156.5580,
-37.2501, -92.5744

■ 237.3900, 8.6817,
15.4440

■ 147.6290,
-41.7221, -104.9146

■ 138.5860,
-46.6309, -117.1549

■ 136.6350,
-47.6411, -119.8289

Harmonies

Analogous

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



205.2790, -26.7595, -3.7527



200.6480, -13.1375, -33.0173



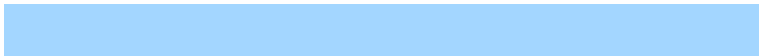
195.6950, 5.5734, -61.1225

Triad

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



200.6480, -13.1375, -33.0173



203.4250, 25.4265, -35.4527



207.2350, -12.9339, 41.8899

Complementary

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



200.6480, -13.1375, -33.0173



187.3520, 13.1375, 33.0173

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.



209.8230, 2.0593, 39.6202



200.6480, -13.1375, -33.0173



211.6190, 21.3868, 0.3341

Square

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



200.6480, -13.1375, -33.0173



195.5520, 29.3079, -67.1361



215.4980, 15.0375, 30.2583



208.9670, -26.6057, 40.3709

Rectangle

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



200.6480, -13.1375, -33.0173



192.8210, 17.8362, -74.3880



215.4980, 15.0375, 30.2583



207.3150, -7.5503, 41.8197

Sweetspot

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



200.6480, -13.1375, -33.0173



247.0820, -4.4774, -10.5959



214.9420, -25.6074, 0.0509



122.8590, -2.8885, -6.8923



0.0000, 0.0000, 0.0000



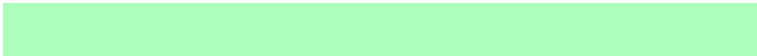
128.0000, 0.0000, 0.0000

Same Dimension

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



200.6480, -13.1375, -33.0173



222.0180, -17.7569, -44.7428



204.0680, -0.0335, -36.0166



107.6850, -2.3097, -5.8627



106.8460, -37.3921, -93.7039



29.2020, -9.9596, -25.6102

Inverse Universe

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



187.3520, 13.1375, 33.0173



203.9820, 17.7569, 44.7428



183.9320, 0.0335, 36.0166



105.3150, 2.3097, 5.8627



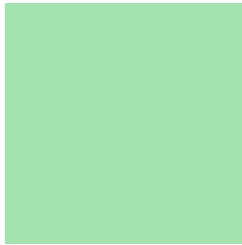
69.1540, 37.3921, 93.7039



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 200.6480, -13.1375, -33.0173 looks on a white background.

Color Contrast Check

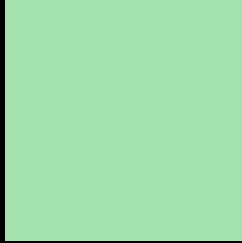
Large Text (above 18pt) WCAG AA × Fail

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 200.6480, -13.1375, -33.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

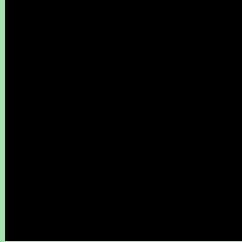
Any Text WCAG AA ✓ Pass

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 200.6480, -13.1375, -33.0173 Background



This preview shows how black text looks on a background with the YUV color 200.6480, -13.1375, -33.0173.



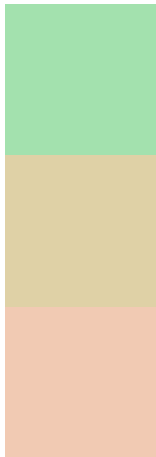
This preview shows how white text looks on a background with the YUV color 200.6480, -13.1375, -33.0173.

-33.0173.

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

200.6480, -13.1375, -33.0173

Protanopia

208.2840, -20.8460, 12.9059

Deuteranopia

211.0390, -15.7952, 26.2758



Tritanopia

206.0810, 13.7641, -28.1350

Trichromacy



Original Color

200.6480, -13.1375, -33.0173

Protanomaly

205.5700, -18.0290, -4.0079

Deuteranomaly

207.1350, -14.8566, 5.1436

Tritanomaly

204.1380, 3.8760, -29.9390

Monochromacy



Original Color

200.6480, -13.1375, -33.0173

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6480, -13.1375, -33.0173 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(163, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(163, 225, 174)  
}
```

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(163, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 225, 174) }
```

Border

The CSS property to change the border of an element to YUV 200.6480, -13.1375, -33.0173 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(163, 225, 174) }
```


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

```
.border{ border-color:rgb(163, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(163, 225,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 200.6480, -13.1375, -33.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 225, 174) }
```

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

```
.background{ background-color: rgb(163,  
225, 174) }
```

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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