

Converting Colors

YUV(204.4980, -2.2175,
-35.5167)

Have a look what the booklet for
YUV(204.4980, -2.2175, -35.5167)
contains.

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Color

**YUV(204.4980, -2.2175,
-35.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E2C8
RGB	164, 226, 200
RGB Percent	64%, 89%, 78%
CMY	0.3569, 0.1137, 0.2157
CMYK	0.27, 0.00, 0.12, 0.11
HSL	155°, 52%, 76%
HSV	155°, 27%, 89%
XYZ	52.9315, 66.4554, 64.6810
YIQ	204.4980, -28.6060, -21.2300

Conversions

Conversions Part 2

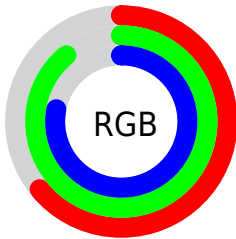
Format	Color
RYB	164, 203, 226
Decimal	10805960
CIELab	85.23, -24.96, 6.41
CIELCh	85, 25.771, 165.609
Yxy	66.4554, 0.2876, 0.3610
Android (android.graphics.Color)	4288996040 (0xFFA4E2C8)
YUV	204.4980, -2.2175, -35.5167
Hunter-Lab	81.5202, -26.7592, 10.0213

Details

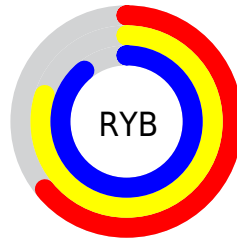
The YUV color **204.4980, -2.2175, -35.5167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185.5020, 2.2175, 35.5167**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **149.3240, -1.6387, -34.4871** is the 20% darker color. If you saturate the color by 10%, you get **196.5950, -2.7583, -48.7568**, and if you desaturate by 10%, it is **212.4010, -1.6767, -22.2767**.

Distribution



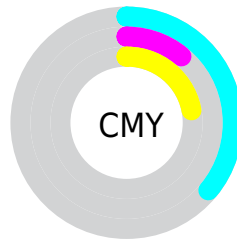
- Red (64%)
- Green (89%)
- Blue (78%)



- Red (64%)
- Yellow (80%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.4980, -2.2175, -35.5167 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 204.4980, -2.2175, -35.5167 by changing the saturation by 10% instead.

 204.4980, -2.2175,
-35.5167


 204.4980, -2.2175,
-35.5167

255.0000, 0.0000,
0.0000


 176.9110, -1.9281,
-35.0019


 244.5350, 5.1592,
-21.5172


 149.3240, -1.6387,
-34.4871

 253.2060, 0.8844,
-3.6887

 123.6230, -1.7861,
-33.8724

 97.8510, -0.9125,
-34.0723

 72.6660, -0.3283,
-34.7871

 46.3880, 1.2877,
-39.8053

 30.1940, -1.0816,

-26.4801

■ 16.0770, -6.9400,
-14.0995

■ 0.0000, 0.0000,
0.0000

■ 204.4980, -2.2175,
-35.5167

■ 204.4980, -2.2175,
-35.5167

■ 196.5950, -2.7583,
-48.7568

■ 212.4010, -1.6767,
-22.2767

■ 188.8770, -3.8834,
-61.2821

■ 220.1190, -0.5517,
-9.7514

■ 180.9740, -4.4242,
-74.5222

■ 228.0220, -0.0108,
3.4887

■ 173.2560, -5.5492,
-87.0475

■ 235.7400, 1.1142,
16.0140

■ 165.3530, -6.0900,
-100.2876

■ 237.0650, 4.8980,
15.7290

■ 157.3360, -7.0676,
-113.4277

■ 237.9770, 8.3923,
14.9292

■ 149.7320, -7.7559,
-126.0530

■ 147.5960, -8.1818,
-129.4417

Harmonies

Analogous

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



207.4160, -14.5021, -15.2738



204.4980, -2.2175, -35.5167



202.8520, 10.9190, -48.9822

Triad

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



204.4980, -2.2175, -35.5167



213.0260, 20.6932, -10.5468



214.0510, -17.2801, 35.9123

Complementary

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



204.4980, -2.2175, -35.5167



185.5020, 2.2175, 35.5167

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.



214.2110, -6.5130, 35.7720



204.4980, -2.2175, -35.5167



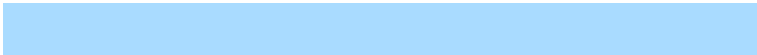
216.9860, 14.7969, 14.0443

Square

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



204.4980, -2.2175, -35.5167



208.1540, 23.0951, -34.3381



217.3490, 4.2649, 32.1429



212.7910, -23.0680, 25.6163

Rectangle

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



204.4980, -2.2175, -35.5167



203.3770, 18.0551, -51.1966



217.3490, 4.2649, 32.1429



213.6750, -13.6438, 36.2420

Sweetspot

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



204.4980, -2.2175, -35.5167



247.9940, -0.9830, -11.3957



208.4670, -21.9222, -15.3186



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



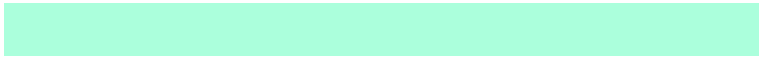
128.0000, 0.0000, 0.0000

Same Dimension

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



204.4980, -2.2175, -35.5167



225.8940, -2.9057, -48.1420



205.1140, 10.2968, -36.0570



108.1410, -0.5625, -6.2627



114.9400, -6.3794, -100.8024



31.3680, -1.6604, -27.5097

Inverse Universe

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



185.5020, 2.2175, 35.5167



200.1060, 2.9057, 48.1420



184.8860, -10.2968, 36.0570



104.8590, 0.5625, 6.2627



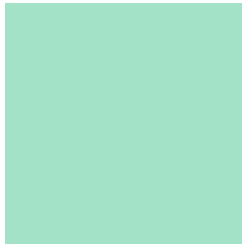
61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 204.4980, -2.2175, -35.5167 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 204.4980, -2.2175, -35.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

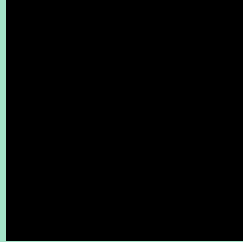
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

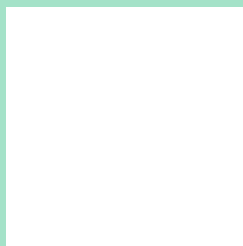
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.4980, -2.2175, -35.5167

Background



This preview shows how black text looks on a background with the YUV color 204.4980, -2.2175, -35.5167.



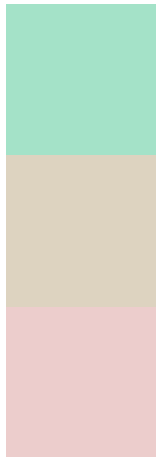
This preview shows how white text looks on a background with the YUV color 204.4980, -2.2175,

-35.5167.

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**

204.4980, -2.2175, -35.5167

Protanopia

211.8240, -9.7732, 8.0474

Deuteranopia

214.1550, -5.0064, 19.1581



Tritanopia

207.7000, 14.9379, -31.3089

Trichromacy



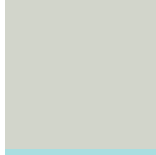
Original Color

204.4980, -2.2175, -35.5167



Protanomaly

208.8220, -6.8142, -7.7369



Deuteranomaly

210.9630, -3.9258, -0.8446



Tritanomaly

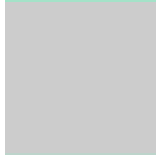
206.3810, 8.6862, -32.7831

Monochromacy



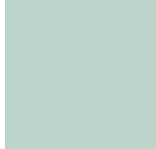
Original Color

204.4980, -2.2175, -35.5167



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4980, -2.2175, -35.5167 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(164, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 200)  
}
```

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(164, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 200) }
```

Border

The CSS property to change the border of an element to YUV 204.4980, -2.2175, -35.5167 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(164, 226, 200) }
```


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

```
.border{ border-color:rgb(164, 226, 200) }
```

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

Here you see how a box with a 4 pixel rgb(164, 226, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 204.4980, -2.2175, -35.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 200) }
```

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

```
.background{ background-color: rgb(164,  
226, 200) }
```

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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