

Converting Colors

YUV(205.9860, 4.4439,
-25.4207)

Have a look what the booklet for
YUV(205.9860, 4.4439, -25.4207)
contains.

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Color

**YUV(205.9860, 4.4439,
-25.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DBD7
RGB	177, 219, 215
RGB Percent	69%, 86%, 84%
CMY	0.3059, 0.1412, 0.1569
CMYK	0.19, 0.00, 0.02, 0.14
HSL	174°, 37%, 78%
HSV	174°, 19%, 86%
XYZ	55.7287, 64.9164, 73.8829
YIQ	205.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

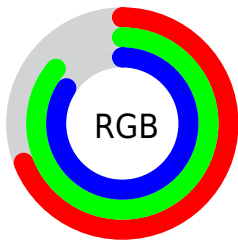
Format	Color
RYB	177, 199, 219
Decimal	11656151
CIELab	84.44, -14.45, -2.57
CIELCh	84, 14.673, 190.106
Yxy	64.9164, 0.2865, 0.3337
Android (android.graphics.Color)	4289846231 (0xFFB1DBD7)
YUV	205.9860, 4.4439, -25.4207
Hunter-Lab	80.5707, -17.5349, 2.0309

Details

The YUV color $205.9860, 4.4439, -25.4207$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $190.0140, -4.4439, 25.4207$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $151.5840, 4.1491, -24.1912$ is the 20% darker color. If you saturate the color by 10%, you get $199.1800, 6.8133, -38.7459$, and if you desaturate by 10%, it is $212.7920, 2.0745, -12.0956$.

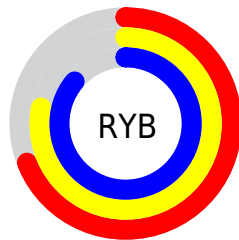
Distribution



Red (69%)

Green (86%)

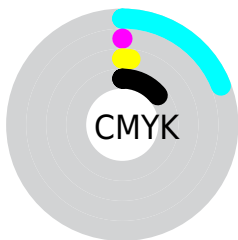
Blue (84%)



Red (69%)

Yellow (78%)

Blue (86%)

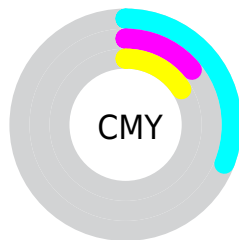


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (14%)



Cyan (31%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.9860, 4.4439, -25.4207 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 205.9860, 4.4439, -25.4207 by changing the saturation by 10% instead.

■ 205.9860, 4.4439,
-25.4207

■ 205.9860, 4.4439,
-25.4207

255.0000, 0.0000,
0.0000

■ 178.2850, 4.2965,
-24.8059

■ 248.4220, 3.2430,
-13.5251

■ 151.5840, 4.1491,
-24.1912

■ 125.5840, 4.1491,
-24.1912

■ 99.9970, 4.4385,
-23.6764

■ 75.9970, 4.4385,
-23.6764

■ 52.1110, 4.8753,
-23.7763

■ 29.2140, 5.3175,

-25.6207

■ 15.6670, 1.6432,
-13.7400

■ 0.0000, 0.0000,
0.0000

■ 205.9860, 4.4439,
-25.4207

■ 205.9860, 4.4439,
-25.4207

■ 199.1800, 6.8133,
-38.7459

■ 212.7920, 2.0745,
-12.0956

■ 192.3740, 9.1826,
-52.0710

■ 219.5980, -0.2948,
1.2296

■ 185.5680, 11.5520,
-65.3961

■ 226.4040, -2.6642,
14.5547

■ 178.7620, 13.9213,
-78.7213

■ 230.2200, -3.5595,
21.7321

■ 172.2550, 16.1433,
-91.4316

■ 230.4480, -2.6859,
21.5321

■ 165.3350, 18.0758,
-104.6568

■ 230.7900, -1.3755,
21.2322

■ 158.5290, 20.4452,
-117.9819

■ 231.0180, -0.5019,
21.0322

■ 151.7230, 22.8146,
-131.3071

■ 231.2460, 0.3717,
20.8323

■ 151.1250, 23.1094,
-132.5366

■ 231.4740, 1.2453,
20.6323

Harmonies

Analogous

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



206.4940, -2.7085, -17.9732



205.9860, 4.4439, -25.4207



206.5820, 10.5591, -26.8204

Triad

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



205.9860, 4.4439, -25.4207



212.8510, 9.4405, 5.3927



211.6680, -13.1473, 16.9542

Complementary

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



205.9860, 4.4439, -25.4207



190.0140, -4.4439, 25.4207

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.



212.6240, -9.6746, 23.1318



205.9860, 4.4439, -25.4207



213.3210, 3.2927, 17.2585

Square

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



205.9860, 4.4439, -25.4207



210.8000, 13.4096, -7.7176



213.2310, -3.5649, 23.4764



209.7160, -12.6780, 6.3881

Rectangle

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



205.9860, 4.4439, -25.4207



207.8860, 12.8742, -22.7020



213.2310, -3.5649, 23.4764



211.6190, -12.1372, 19.6281

Sweetspot

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



205.9860, 4.4439, -25.4207



250.4010, 1.7743, -9.1217



202.8500, -12.7440, -19.1624



125.1950, 0.8899, -5.4330



0.0000, 0.0000, 0.0000



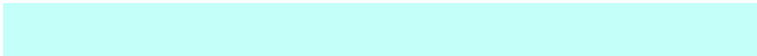
128.0000, 0.0000, 0.0000

Same Dimension

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



205.9860, 4.4439, -25.4207



236.6750, 6.0762, -35.6720



196.4630, 11.1107, -17.0691



106.5970, 1.1847, -6.6626



119.4490, 18.5126, -104.7568



31.7900, 5.0335, -27.8798

Inverse Universe

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



190.0140, -4.4439, 25.4207



214.3250, -6.0762, 35.6720



199.5370, -11.1107, 17.0691



102.4030, -1.1847, 6.6626



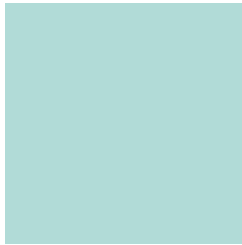
53.6650, -18.0758, 104.6568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 205.9860, 4.4439, -25.4207 looks on a white background.

Color Contrast Check

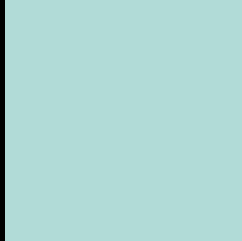
Large Text (above 18pt) WCAG AA × Fail

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 205.9860, 4.4439, -25.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

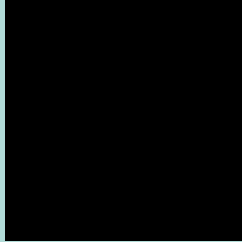
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

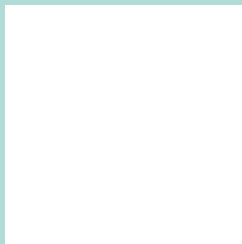
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.9860, 4.4439, -25.4207

Background



This preview shows how black text looks on a background with the YUV color 205.9860, 4.4439, -25.4207.



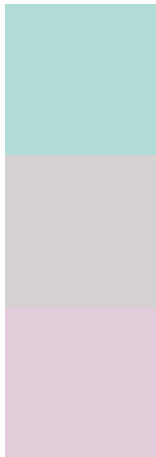
This preview shows how white text looks on a background with the YUV color 205.9860, 4.4439, -25.4207.

-25.4207.

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

205.9860, 4.4439, -25.4207

Protanopia

210.4950, -0.7370, 3.0739

Deuteranopia

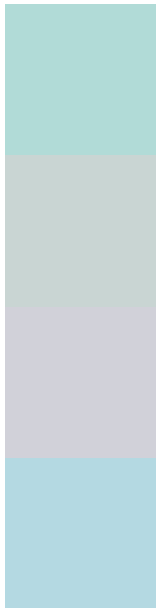
212.4730, 2.7248, 12.7402



Tritanopia

207.4730, 12.5848, -23.2168

Trichromacy



Original Color

205.9860, 4.4439, -25.4207

Protanomaly

209.1840, 0.8953, -7.1774

Deuteranomaly

209.9120, 3.4944, -0.7998

Tritanomaly

206.9630, 9.3852, -23.6466

Monochromacy



Original Color

205.9860, 4.4439, -25.4207

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.9860, 4.4439, -25.4207 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(177, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 215)  
}
```

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(177, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 215) }
```

Border

The CSS property to change the border of an element to YUV 205.9860, 4.4439, -25.4207 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(177, 219, 215) }
```


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

```
.border{ border-color:rgb(177, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(177, 219,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 205.9860, 4.4439, -25.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 215) }
```

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

```
.background{ background-color: rgb(177,  
219, 215) }
```

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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