

Converting Colors

YUV(210.2300, 4.3236,
-33.5277)

Have a look what the booklet for
YUV(210.2300, 4.3236, -33.5277)
contains.

YUV(210.2300, 4.3236, -33.5277)	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(210.2300, 4.3236,
-33.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE4DB
RGB	172, 228, 219
RGB Percent	67%, 89%, 86%
CMY	0.3255, 0.1059, 0.1412
CMYK	0.25, 0.00, 0.04, 0.11
HSL	170°, 51%, 78%
HSV	170°, 25%, 89%
XYZ	57.5428, 69.3719, 77.3751
YIQ	210.2300, -30.4870, -14.6710

Conversions

Conversions Part 2

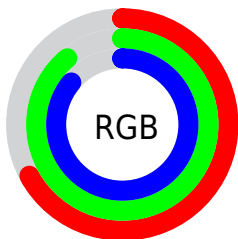
Format	Color
RYB	172, 202, 228
Decimal	11330779
CIELab	86.69, -19.64, -1.43
CIELCh	87, 19.691, 184.155
Yxy	69.3719, 0.2817, 0.3396
Android (android.graphics.Color)	4289520859 (0xFFACE4DB)
YUV	210.2300, 4.3236, -33.5277
Hunter-Lab	83.2898, -22.4360, 3.2233

Details

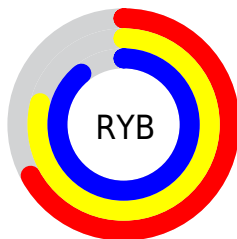
The YUV color $210.2300, 4.3236, -33.5277$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.7700, -4.3236, 33.5277$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $154.9420, 4.4656, -32.3981$ is the 20% darker color. If you saturate the color by 10%, you get $202.8970, 5.9668, -47.2677$, and if you desaturate by 10%, it is $217.5630, 2.6804, -19.7878$.

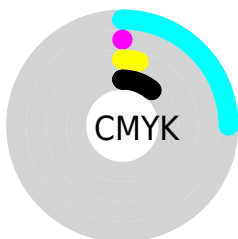
Distribution



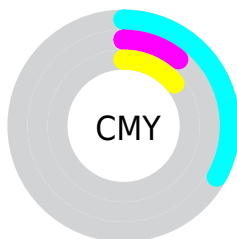
- Red (67%)
- Green (89%)
- Blue (86%)



- Red (67%)
- Yellow (79%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2300, 4.3236, -33.5277 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 210.2300, 4.3236, -33.5277 by changing the saturation by 10% instead.

■ 210.2300, 4.3236,
-33.5277

■ 210.2300, 4.3236,
-33.5277

255.0000, 0.0000,
0.0000

■ 182.5290, 4.1762,
-32.9129

■ 246.9270, 3.9800,
-16.5990

■ 154.9420, 4.4656,
-32.3981

■ 128.9420, 4.4656,
-32.3981

■ 103.2410, 4.3182,
-31.7834

■ 78.3550, 4.7550,
-31.8833

■ 52.9740, 5.9288,
-35.0572

■ 33.0780, 4.8915,

-29.0094

■ 19.5310, 1.2172,
-17.1287

■ 0.0000, 0.0000,
0.0000

■ 210.2300, 4.3236,
-33.5277

■ 210.2300, 4.3236,
-33.5277

■ 202.8970, 5.9668,
-47.2677

■ 217.5630, 2.6804,
-19.7878

■ 195.6780, 8.0467,
-61.1076

■ 224.7820, 0.6005,
-5.9478

■ 188.6440, 9.5425,
-74.2328

■ 231.8160, -0.8953,
7.1774

■ 181.3110, 11.1857,
-87.9727

■ 236.7570, -1.3592,
15.9991

■ 174.0920, 13.2656,
-101.8127

■ 237.0990, -0.0488,
15.6992

■ 166.7590, 14.9088,
-115.5526

■ 237.5550, 1.6984,
15.2993

■ 159.4260, 16.5520,
-129.2926

■ 238.0110, 3.4456,
14.8994

■ 155.6100, 17.4473,
-136.4700

■ 238.3530, 4.7560,
14.5994

■ 238.8090, 6.5032,
14.1995

Harmonies

Analogous

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



211.3750, -5.6079, -21.3769



210.2300, 4.3236, -33.5277



210.4990, 13.0650, -37.2716

Triad

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



210.2300, 4.3236, -33.5277



219.1050, 14.2452, 4.2929



217.8000, -16.6634, 24.7314

Complementary

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



210.2300, 4.3236, -33.5277



189.7700, -4.3236, 33.5277

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.



219.6250, -11.1541, 31.0239



210.2300, 4.3236, -33.5277



220.5540, 6.6289, 20.5621

Square

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



210.2300, 4.3236, -33.5277



216.7220, 18.3781, -14.6652



220.5030, -2.7130, 30.2539



216.3700, -17.9304, 11.0765

Rectangle

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



210.2300, 4.3236, -33.5277



211.9600, 17.2747, -34.1679



220.5030, -2.7130, 30.2539



218.7510, -15.6532, 27.4054

Sweetspot

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



210.2300, 4.3236, -33.5277



249.2760, 1.3429, -10.7661



207.5630, -17.5326, -23.2958



124.4830, 0.7479, -6.5626



0.0000, 0.0000, 0.0000



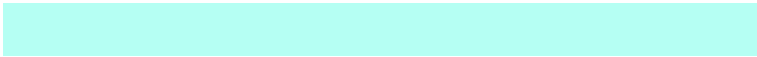
128.0000, 0.0000, 0.0000

Same Dimension

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



210.2300, 4.3236, -33.5277



231.5060, 5.6665, -44.2938



200.1030, 13.7532, -24.6463



111.1840, 0.8953, -7.1774



122.1730, 13.7187, -107.1457



34.8390, 4.0234, -30.5538

Inverse Universe

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



189.7700, -4.3236, 33.5277



204.4940, -5.6665, 44.2938



199.8970, -13.7532, 24.6463



106.8160, -0.8953, 7.1774



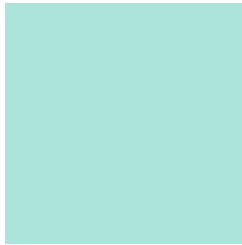
56.8270, -13.7187, 107.1457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 210.2300, 4.3236, -33.5277 looks on a white background.

Color Contrast Check

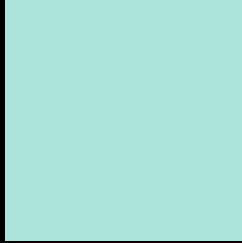
Large Text (above 18pt) WCAG AA × Fail

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 210.2300, 4.3236, -33.5277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

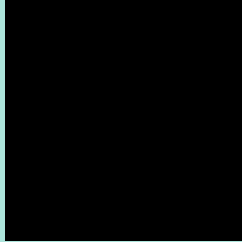
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

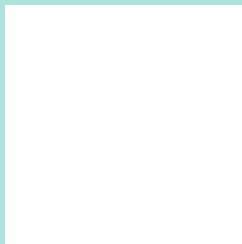
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.2300, 4.3236, -33.5277

Background



This preview shows how black text looks on a background with the YUV color 210.2300, 4.3236, -33.5277.



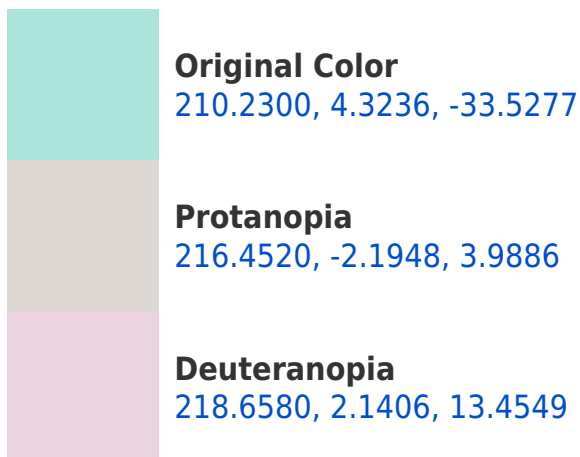
This preview shows how white text looks on a background with the YUV color 210.2300, 4.3236, -33.5277.

-33.5277.

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

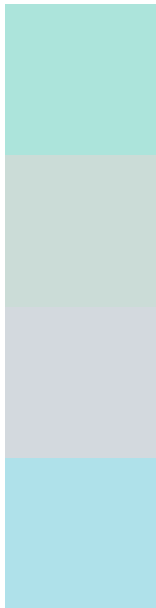




Tritanopia

211.9990, 14.7905, -30.6941

Trichromacy



Original Color

210.2300, 4.3236, -33.5277

Protanomaly

214.3470, 0.3219, -9.9513

Deuteranomaly

215.7760, 3.0684, -4.1886

Tritanomaly

211.0760, 11.3015, -31.6387

Monochromacy



Original Color

210.2300, 4.3236, -33.5277

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2650, 1.3484, -12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2300, 4.3236, -33.5277 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(172, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(172, 228, 219)  
}
```

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(172, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 228, 219) }
```

Border

The CSS property to change the border of an element to YUV 210.2300, 4.3236, -33.5277 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(172, 228, 219) }
```


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

```
.border{ border-color:rgb(172, 228, 219) }
```

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

Here you see how a box with a 4 pixel rgb(172, 228, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(172, 228,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 210.2300, 4.3236, -33.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 228, 219) }
```

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

```
.background{ background-color: rgb(172,  
228, 219) }
```

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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