

Converting Colors

YUV(203.5750, -2.2555,
-23.3063)

Have a look what the booklet for
YUV(203.5750, -2.2555, -23.3063)
contains.

YUV(203.5750, -2.2555, -23.3063)	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(203.5750, -2.2555,
-23.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DAC7
RGB	177, 218, 199
RGB Percent	69%, 85%, 78%
CMY	0.3059, 0.1451, 0.2196
CMYK	0.19, 0.00, 0.09, 0.15
HSL	152°, 36%, 77%
HSV	152°, 19%, 85%
XYZ	53.5117, 63.6134, 63.4911
YIQ	203.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

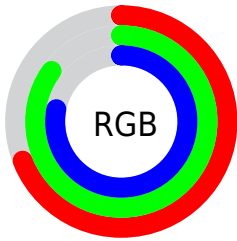
Format	Color
RYB	177, 204, 218
Decimal	11655879
CIELab	83.76, -17.15, 4.92
CIELCh	84, 17.845, 164.002
Yxy	63.6134, 0.2963, 0.3522
Android (android.graphics.Color)	4289845959 (0xFFB1DAC7)
YUV	203.5750, -2.2555, -23.3063
Hunter-Lab	79.7580, -19.8164, 8.6330

Details

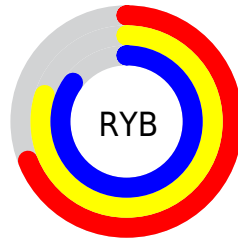
The YUV color $203.5750, -2.2555, -23.3063$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.4250, 2.2555, 23.3063$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $149.2870, -2.1135, -22.1767$ is the 20% darker color. If you saturate the color by 10%, you get $195.8570, -3.3805, -35.8316$, and if you desaturate by 10%, it is $211.2930, -1.1304, -10.7810$.

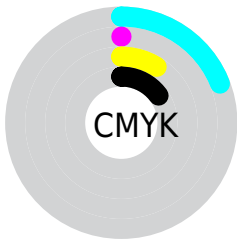
Distribution



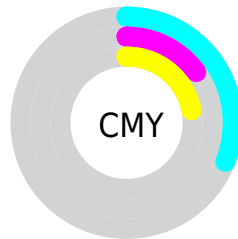
- Red (69%)
- Green (85%)
- Blue (78%)



- Red (69%)
- Yellow (80%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.5750, -2.2555, -23.3063 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 203.5750, -2.2555, -23.3063 by changing the saturation by 10% instead.

 203.5750, -2.2555,
-23.3063


 203.5750, -2.2555,
-23.3063


255.0000, 0.0000,
0.0000


 175.9880, -1.9661,
-22.7915


 248.4220, 3.2430,
-13.5251

 149.2870, -2.1135,
-22.1767

 123.4010, -1.6767,
-22.2767

 98.1130, -1.5347,
-21.1471

 74.1130, -1.5347,
-21.1471

 50.6400, -0.8085,
-20.7323

 28.4550, -0.2243,

-21.4470

■ 13.0280, -5.9298,
-11.4256

■ 0.0000, 0.0000,
0.0000

■ 203.5750, -2.2555,
-23.3063

■ 203.5750, -2.2555,
-23.3063

■ 195.8570, -3.3805,
-35.8316

■ 211.2930, -1.1304,
-10.7810

■ 188.1390, -4.5055,
-48.3569

■ 219.0110, -0.0054,
1.7444

■ 180.7200, -5.7780,
-60.2674

■ 226.4300, 1.2670,
13.6549

■ 173.0020, -6.9030,
-72.7928

■ 231.4570, 3.7187,
20.6472

■ 165.1700, -8.4648,
-85.2181

■ 232.7110, 8.5235,
19.5475

■ 157.4520, -9.5898,
-97.7434

■ 233.2810, 10.7075,
19.0476

■ 149.7340,
-10.7149, -110.2687

■ 142.3150,
-11.9873, -122.1793

■ 141.3040,
-11.9819, -123.9236

Harmonies

Analogous

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



205.4860, -10.5926, -9.1962



203.5750, -2.2555, -23.3063



202.8110, 6.5022, -32.2832

Triad

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



203.5750, -2.2555, -23.3063



209.3700, 15.5936, -8.2175



210.9620, -12.3063, 27.2203

Complementary

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



203.5750, -2.2555, -23.3063



191.4250, 2.2555, 23.3063

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.



211.5090, -5.1809, 28.4946



203.5750, -2.2555, -23.3063



211.5140, 10.5926, 9.1962

Square

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



203.5750, -2.2555, -23.3063



206.3250, 17.0948, -23.0870



212.0550, 3.4239, 21.8768



209.5820, -16.0629, 18.7836

Rectangle

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



203.5750, -2.2555, -23.3063



203.1790, 11.7438, -33.4830



212.0550, 3.4239, 21.8768



211.5430, -10.1277, 28.4648

Sweetspot

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



203.5750, -2.2555, -23.3063



249.7170, -0.8465, -8.5218



206.7480, -14.6658, -9.4260



124.7390, -0.8573, -5.0331



0.0000, 0.0000, 0.0000



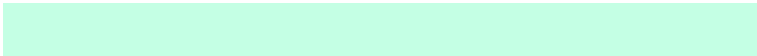
128.0000, 0.0000, 0.0000

Same Dimension

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



203.5750, -2.2555, -23.3063



234.2810, -3.0965, -33.5724



205.1540, 6.3331, -24.6911



106.1410, -0.5625, -6.2627



112.1530, -9.4424, -98.3582



29.8520, -2.3920, -26.1802

Inverse Universe

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



191.4250, 2.2555, 23.3063



216.8330, 3.5333, 33.4725



189.8460, -6.3331, 24.6911



102.8590, 0.5625, 6.2627



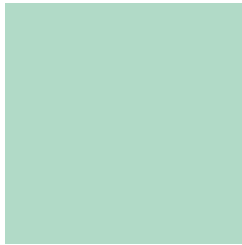
60.8470, 9.4424, 98.3582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 203.5750, -2.2555, -23.3063 looks on a white background.

Color Contrast Check

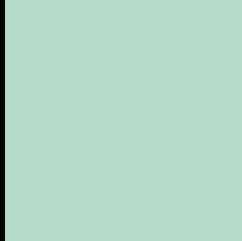
Large Text (above 18pt) WCAG AA × Fail

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 203.5750, -2.2555, -23.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

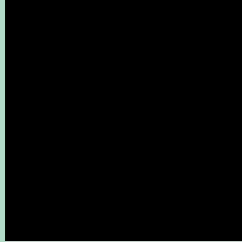
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

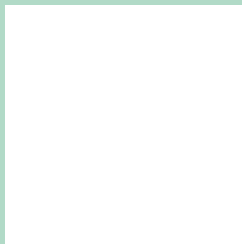
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.5750, -2.2555, -23.3063

Background



This preview shows how black text looks on a background with the YUV color 203.5750, -2.2555, -23.3063.



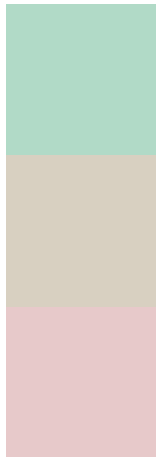
This preview shows how white text looks on a background with the YUV color 203.5750, -2.2555, -23.3063.

-23.3063.

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**

203.5750, -2.2555, -23.3063

Protanopia

208.6820, -7.7312, 6.4179

Deuteranopia

210.0840, -3.9854, 18.3433



Tritanopia

205.9680, 11.8478, -20.1429

Trichromacy



Original Color

203.5750, -2.2555, -23.3063

Protanomaly

207.0720, -5.9515, -4.4481

Deuteranomaly

207.5120, -3.2104, 3.0590

Tritanomaly

205.2900, 6.7590, -21.3023

Monochromacy



Original Color

203.5750, -2.2555, -23.3063

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7170, -0.8465, -8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5750, -2.2555, -23.3063 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, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(177, 218, 199)  
}
```

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, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 218, 199) }
```

Border

The CSS property to change the border of an element to YUV 203.5750, -2.2555, -23.3063 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, 218, 199) }
```


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

```
.border{ border-color:rgb(177, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(177, 218,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 203.5750, -2.2555, -23.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 218, 199) }
```

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

```
.background{ background-color: rgb(177,  
218, 199) }
```

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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