

Converting Colors

YUV(200.5570, 15.0084,
-53.9855)

Have a look what the booklet for
YUV(200.5570, 15.0084, -53.9855)
contains.

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Color

**YUV(200.5570, 15.0084,
-53.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE2E7
RGB	139, 226, 231
RGB Percent	55%, 89%, 91%
CMY	0.4549, 0.1137, 0.0941
CMYK	0.40, 0.02, 0.00, 0.09
HSL	183°, 66%, 73%
HSV	183°, 40%, 91%
XYZ	52.2676, 65.6512, 85.5185
YIQ	200.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

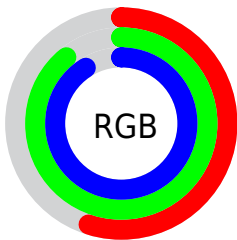
Format	Color
R _Y B	139, 184, 231
Decimal	9167591
CIE Lab	84.82, -24.92, -10.70
CIE LCh	85, 27.123, 203.243
Yxy	65.6512, 0.2569, 0.3227
Android (android.graphics.Color)	4287357671 (0xFF8BE2E7)
YUV	200.5570, 15.0084, -53.9855
Hunter-Lab	81.0254, -26.6483, -5.8600

Details

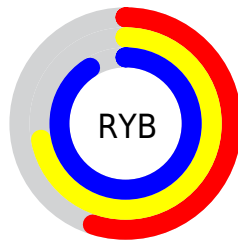
The YUV color **200.5570, 15.0084, -53.9855** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.4430, -15.0084, 53.9855**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **144.2580, 15.1558, -54.6003** is the 20% darker color. If you saturate the color by 10%, you get **193.0930, 18.6882, -67.6106**, and if you desaturate by 10%, it is **208.0210, 11.3286, -40.3604**.

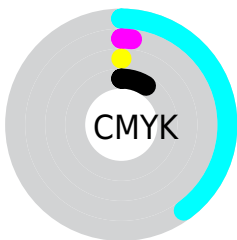
Distribution



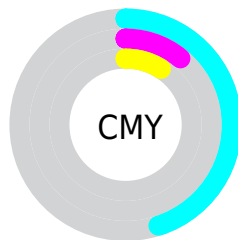
- Red (55%)
- Green (89%)
- Blue (91%)



- Red (55%)
- Yellow (72%)
- Blue (91%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5570, 15.0084, -53.9855 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 200.5570, 15.0084, -53.9855 by changing the saturation by 10% instead.

200.5570, 15.0084,
-53.9855

200.5570, 15.0084,
-53.9855

255.0000, 0.0000,
0.0000

172.5570, 15.0084,
-53.9855

237.3590, 8.6970,
-36.2718

144.2580, 15.1558,
-54.6003

246.3290, 4.2748,
-17.8285

117.0620, 15.7454,
-57.0594

85.9790, 18.2514,
-67.5106

65.7630, 15.8928,
-57.6742

48.9390, 12.3551,
-42.9195

32.9300, 9.4015,

-28.8796

■ 18.7960, 6.0166,
-16.4841

■ 0.4560, 1.7472,
-0.3999

■ 200.5570, 15.0084,
-53.9855

■ 200.5570, 15.0084,
-53.9855

■ 193.0930, 18.6882,
-67.6106

■ 208.0210, 11.3286,
-40.3604

■ 185.0420, 22.6573,
-80.7208

■ 216.0720, 7.3595,
-27.2501

■ 177.5780, 26.3370,
-94.3459

■ 223.5360, 3.6798,
-13.6251

■ 170.1140, 30.0168,
-107.9710

■ 231.0000, 0.0000,
0.0000

■ 162.3510, 33.8440,
-122.2108

■ 238.4640, -3.6798,
13.6251

■ 154.3000, 37.8131,
-135.3211

■ 239.9370, -4.4059,
13.2103

■ 240.5240, -4.6953,
12.6955

■ 241.1110, -4.9847,
12.1807

■ 241.6980, -5.2741,
11.6659

Harmonies

Analogous

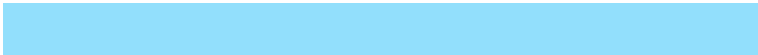
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.0780, 1.4405, -42.1644



200.5570, 15.0084, -53.9855



203.2830, 24.0175, -50.2372

Triad

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



200.5570, 15.0084, -53.9855



215.9760, 13.3228, 20.1920



211.0140, -24.6569, 21.9127

Complementary

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



200.5570, 15.0084, -53.9855



169.4430, -15.0084, 53.9855

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.



213.2530, -20.3377, 36.6121



200.5570, 15.0084, -53.9855



215.0890, 1.9281, 35.0019

Square

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



200.5570, 15.0084, -53.9855



212.7710, 20.8189, -4.1842



212.1250, -9.4286, 37.6014



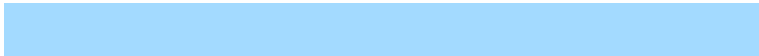
208.2780, -21.8291, 1.5102

Rectangle

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



200.5570, 15.0084, -53.9855



205.7730, 24.2689, -37.5119



212.1250, -9.4286, 37.6014



211.8730, -24.0944, 28.1754

Sweetspot

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



200.5570, 15.0084, -53.9855



244.5570, 5.1484, -18.0285



193.5740, -24.4400, -47.8614



122.0310, 2.9427, -10.5512



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.



200.5570, 15.0084, -53.9855



214.4130, 20.0094, -71.3992



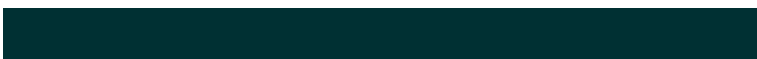
173.5550, 28.3204, -30.3047



110.8250, 2.0583, -6.8625



119.6090, 29.2798, -104.8971



33.9900, 8.3859, -29.8092

Inverse Universe

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



176.4260, 24.4400, 47.8614



182.5880, 32.2481, 63.5053



196.4450, -28.3204, 30.3047



107.8420, 3.0359, 6.2776



72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 200.5570, 15.0084, -53.9855 looks on a white background.

Color Contrast Check

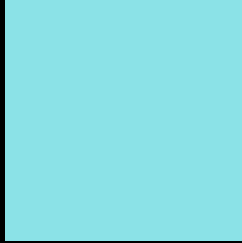
Large Text (above 18pt) WCAG AA × Fail

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 200.5570, 15.0084, -53.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

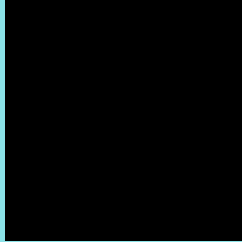
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.5570, 15.0084, -53.9855

Background



This preview shows how black text looks on a background with the YUV color 200.5570, 15.0084, -53.9855.



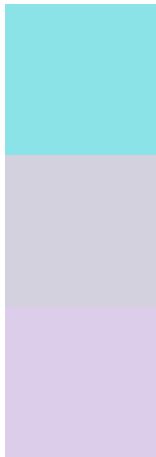
This preview shows how white text looks on a background with the YUV color 200.5570, 15.0084, -53.9855.

-53.9855.

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

200.5570, 15.0084, -53.9855

Protanopia

210.9660, 4.9468, 0.0298

Deuteranopia

212.9050, 10.8928, 6.2223



Tritanopia

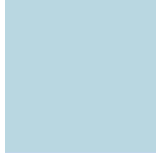
201.5340, 19.9497, -52.2113

Trichromacy



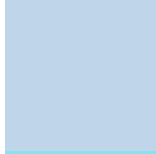
Original Color

200.5570, 15.0084, -53.9855



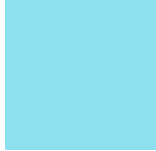
Protanomaly

207.1700, 8.7902, -19.4431



Deuteranomaly

208.8160, 12.4157, -15.6246



Tritanomaly

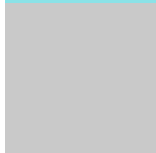
201.3660, 18.0606, -52.9410

Monochromacy



Original Color

200.5570, 15.0084, -53.9855



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.6600, 5.5906, -19.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5570, 15.0084, -53.9855 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(139, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(139, 226, 231)  
}
```

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(139, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 226, 231) }
```

Border

The CSS property to change the border of an element to YUV 200.5570, 15.0084, -53.9855 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(139, 226, 231) }
```


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

```
.border{ border-color:rgb(139, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(139, 226,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 200.5570, 15.0084, -53.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 226, 231) }
```

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

```
.background{ background-color: rgb(139,  
226, 231) }
```

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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