

Converting Colors

YUV(195.5570, 15.0084,
-53.9855)

Have a look what the booklet for
YUV(195.5570, 15.0084, -53.9855)
contains.

YUV(195.5570, 15.0084, -53.9855)	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(195.5570, 15.0084,
-53.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	86DDE2
RGB	134, 221, 226
RGB Percent	53%, 87%, 89%
CMY	0.4745, 0.1333, 0.1137
CMYK	0.41, 0.02, 0.00, 0.11
HSL	183°, 61%, 71%
HSV	183°, 41%, 89%
XYZ	49.4154, 62.2722, 81.3668
YIQ	195.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

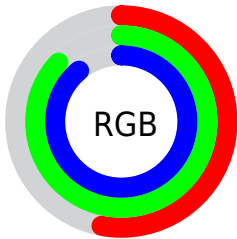
Format	Color
RYB	134, 179, 226
Decimal	8838626
CIELab	83.06, -24.93, -10.70
CIELCh	83, 27.127, 203.238
Yxy	62.2722, 0.2560, 0.3226
Android (android.graphics.Color)	4287028706 (0xFF86DDE2)
YUV	195.5570, 15.0084, -53.9855
Hunter-Lab	78.9128, -26.3200, -5.8949

Details

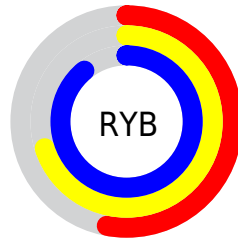
The YUV color **195.5570, 15.0084, -53.9855** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **164.4430, -15.0084, 53.9855**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **139.9590, 15.3032, -55.2150** is the 20% darker color. If you saturate the color by 10%, you get **188.0930, 18.6882, -67.6106**, and if you desaturate by 10%, it is **203.0210, 11.3286, -40.3604**.

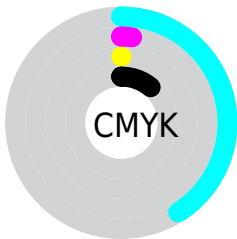
Distribution



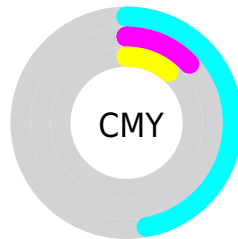
- Red (53%)
- Green (87%)
- Blue (89%)



- Red (53%)
- Yellow (70%)
- Blue (89%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5570, 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 195.5570, 15.0084, -53.9855 by changing the saturation by 10% instead.

■ 195.5570, 15.0084,
-53.9855

■ 195.5570, 15.0084,
-53.9855

■ 255.0000, 0.0000,
0.0000

■ 167.5570, 15.0084,
-53.9855

■ 235.8640, 9.4340,
-39.3457

■ 139.9590, 15.3032,
-55.2150

■ 244.5350, 5.1592,
-21.5172

■ 111.7630, 15.8928,
-57.6742

■ 253.5050, 0.7370,
-3.0739

■ 79.8970, 19.2778,
-70.0697

■ 62.9590, 15.3032,
-55.2150

■ 46.1350, 11.7654,
-40.4604

■ 30.1260, 8.8119,

-26.4205

■ 14.8180, 6.0057,
-12.9954

■ 0.0000, 0.0000,
0.0000

■ 195.5570, 15.0084,
-53.9855

■ 195.5570, 15.0084,
-53.9855

■ 188.0930, 18.6882,
-67.6106

■ 203.0210, 11.3286,
-40.3604

■ 180.9280, 22.2205,
-80.6209

■ 210.1860, 7.7963,
-27.3501

■ 172.8770, 26.1896,
-93.7311

■ 218.2370, 3.8272,
-14.2398

■ 165.7120, 29.7220,
-106.7414

■ 225.4020, 0.2948,
-1.2296

■ 158.2480, 33.4017,
-120.3665

■ 232.8660, -3.3849,
12.3955

■ 151.3820, 36.7867,
-132.7620

■ 235.8450, -4.8536,
16.7989

■ 237.0190, -5.4324,
15.7693

■ 237.6060, -5.7218,
15.2545

■ 238.1930, -6.0111,
14.7397

Harmonies

Analogous

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



197.0780, 1.4405, -42.1644



195.5570, 15.0084, -53.9855



198.2830, 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.



195.5570, 15.0084, -53.9855



210.9760, 13.3228, 20.1920



206.1280, -24.2201, 21.8127

Complementary

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



195.5570, 15.0084, -53.9855



164.4430, -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.



208.5520, -20.4851, 37.2269



195.5570, 15.0084, -53.9855



211.2850, 1.3385, 37.4611

Square

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



195.5570, 15.0084, -53.9855



208.2270, 22.5661, -4.5841



208.6200, -10.1657, 40.6753



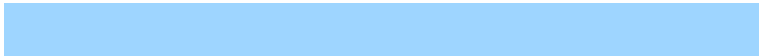
203.3920, -21.3923, 1.4102

Rectangle

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



195.5570, 15.0084, -53.9855



201.3430, 26.4529, -38.0118



208.6200, -10.1657, 40.6753



206.9870, -23.6576, 28.0754

Sweetspot

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



195.5570, 15.0084, -53.9855



244.5570, 5.1484, -18.0285



188.5740, -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.



195.5570, 15.0084, -53.9855



213.5160, 20.4516, -73.2435



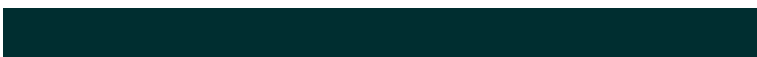
168.5550, 28.3204, -30.3047



108.7110, 1.6215, -6.7625



117.5060, 28.8375, -103.0528



32.4740, 7.6543, -28.4797

Inverse Universe

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



171.4260, 24.4400, 47.8614



180.8270, 33.1163, 65.0497



191.4450, -28.3204, 30.3047



105.5430, 3.1833, 5.6628



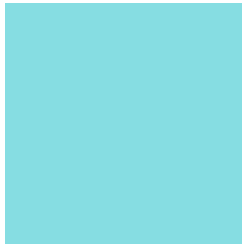
71.5480, 46.5648, 91.6044



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 195.5570, 15.0084, -53.9855 looks on a white background.

Color Contrast Check

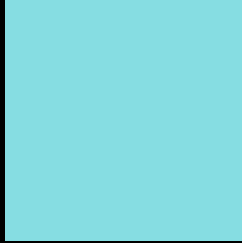
Large Text (above 18pt) WCAG AA × Fail

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 195.5570, 15.0084, -53.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

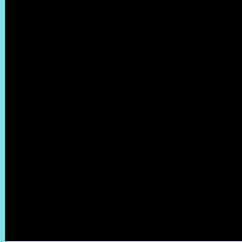
Any Text WCAG AA ✓ Pass

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 195.5570, 15.0084, -53.9855 Background



This preview shows how black text looks on a background with the YUV color 195.5570, 15.0084, -53.9855.



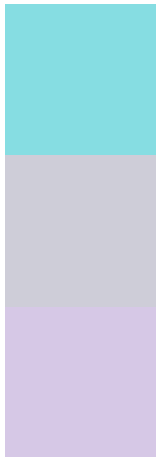
This preview shows how white text looks on a background with the YUV color 195.5570, 15.0084, -53.9855.

-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

195.5570, 15.0084, -53.9855

Protanopia

206.5530, 4.6574, -0.4850

Deuteranopia

207.6060, 11.0402, 5.6075



Tritanopia

196.5340, 19.9497, -52.2113

Trichromacy



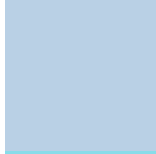
Original Color

195.5570, 15.0084, -53.9855



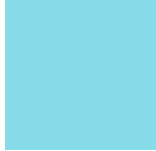
Protanomaly

202.7570, 8.5008, -19.9579



Deuteranomaly

203.5170, 12.5631, -16.2394



Tritanomaly

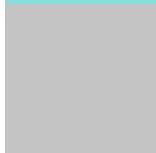
196.3660, 18.0606, -52.9410

Monochromacy



Original Color

195.5570, 15.0084, -53.9855



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.6600, 5.5906, -19.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5570, 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(134, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(134, 221, 226)  
}
```

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(134, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 221, 226) }
```

Border

The CSS property to change the border of an element to YUV 195.5570, 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(134, 221, 226) }
```


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

```
.border{ border-color:rgb(134, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(134, 221,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 195.5570, 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(134, 221, 226) }
```

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

```
.background{ background-color: rgb(134,  
221, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor