

Converting Colors

YUV(197.7900, 14.8935,
-63.8368)

Have a look what the booklet for
YUV(197.7900, 14.8935, -63.8368)
contains.

YUV(197.7900, 14.8935, -63.8368)	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(197.7900, 14.8935,
-63.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE5E4
RGB	125, 229, 228
RGB Percent	49%, 90%, 89%
CMY	0.5098, 0.1020, 0.1059
CMYK	0.45, 0.00, 0.00, 0.10
HSL	179°, 67%, 69%
HSV	179°, 45%, 90%
XYZ	50.4803, 66.0000, 83.4775
YIQ	197.7900, -61.6630, -22.3590

Conversions

Conversions Part 2

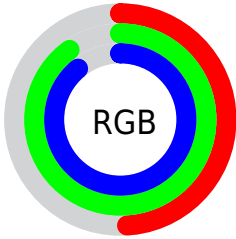
Format	Color
RYB	125, 177, 229
Decimal	8250852
CIELab	85.00, -30.41, -8.92
CIELCh	85, 31.694, 196.340
Yxy	66.0000, 0.2525, 0.3301
Android (android.graphics.Color)	4286440932 (0xFF7DE5E4)
YUV	197.7900, 14.8935, -63.8368
Hunter-Lab	81.2404, -31.2562, -4.0544

Details

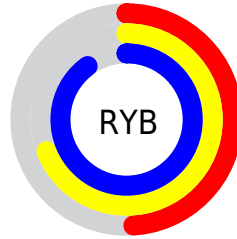
The YUV color **197.7900, 14.8935, -63.8368** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.2100, -14.8935, 63.8368**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **140.4090, 16.0674, -67.0107** is the 20% darker color. If you saturate the color by 10%, you get **190.9130, 18.2839, -77.9767**, and if you desaturate by 10%, it is **204.6670, 11.5032, -49.6970**.

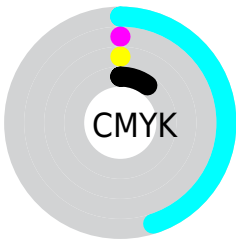
Distribution



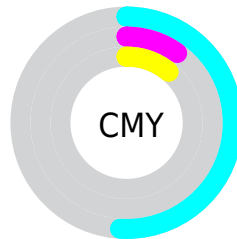
- Red (49%)
- Green (90%)
- Blue (89%)



- Red (49%)
- Yellow (69%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7900, 14.8935, -63.8368 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 197.7900, 14.8935, -63.8368 by changing the saturation by 10% instead.

197.7900, 14.8935,
-63.8368

197.7900, 14.8935,
-63.8368

255.0000, 0.0000,
0.0000

169.4910, 15.0409,
-64.4516

233.4720, 10.6133,
-44.2639

140.4090, 16.0674,
-67.0107

242.4420, 6.1911,
-25.8206

109.8210, 17.8362,
-74.3880

251.4120, 1.7689,
-7.3773

84.1200, 17.6888,
-73.7732

66.7090, 14.4405,
-58.5038

49.8850, 10.9027,
-43.7491

33.8760, 7.9491,

-29.7093

■ 19.1550, 4.8536,
-16.7989

■ 0.1140, 0.4368,
-0.1000

■ 197.7900, 14.8935,
-63.8368

■ 197.7900, 14.8935,
-63.8368

■ 190.9130, 18.2839,
-77.9767

■ 204.6670, 11.5032,
-49.6970

■ 184.0360, 21.6743,
-92.1166

■ 211.5440, 8.1128,
-35.5571

■ 177.0450, 24.6278,
-106.1565

■ 218.5350, 5.1592,
-21.5172

■ 170.1680, 28.0182,
-120.2963

■ 225.4120, 1.7689,
-7.3773

■ 163.2910, 31.4085,
-134.4362

■ 232.2890, -1.6215,
6.7625

■ 160.3010, 32.8826,
-140.5840

■ 236.7740, -3.8326,
15.9842

■ 236.8880, -3.3958,
15.8842

Harmonies

Analogous

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



200.8450, -1.8956, -45.4681



197.7900, 14.8935, -63.8368



199.4060, 27.4078, -64.3771

Triad

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



197.7900, 14.8935, -63.8368



216.6320, 18.4224, 17.8627



212.1460, -28.1730, 29.6900

Complementary

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



197.7900, 14.8935, -63.8368



156.2100, -14.8935, 63.8368

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.



210.6770, -20.0538, 38.8713



197.7900, 14.8935, -63.8368



214.8270, 6.0013, 35.2317

Square

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



197.7900, 14.8935, -63.8368



210.9550, 21.7142, -11.3615



210.8200, -6.8133, 38.7459



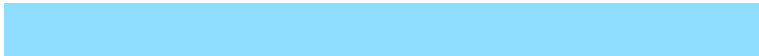
209.2310, -27.2289, 6.8134

Rectangle

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



197.7900, 14.8935, -63.8368



202.1410, 26.0595, -51.8667



210.8200, -6.8133, 38.7459



212.5320, -26.8843, 36.3674

Sweetspot

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



197.7900, 14.8935, -63.8368



244.2360, 5.3067, -22.1320



186.6460, -30.3915, -52.3095



121.3080, 2.8062, -13.4251



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.



197.7900, 14.8935, -63.8368



213.6240, 19.9054, -84.7392



168.5540, 29.7999, -38.1969



111.4120, 1.7689, -7.3773



125.2510, 25.5123, -109.8451



35.7510, 7.5178, -31.3536

Inverse Universe

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



156.2100, -14.8935, 63.8368



158.4900, -19.4686, 84.6393



185.4460, -29.7999, 38.1969



106.5880, -1.7689, 7.3773



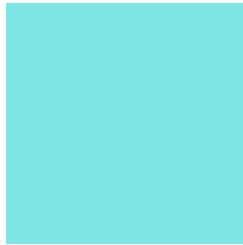
53.7490, -25.5123, 109.8451



15.2490, -7.5178, 31.3536

Previews

White Background



This preview shows how the YUV color 197.7900, 14.8935, -63.8368 looks on a white background.

Color Contrast Check

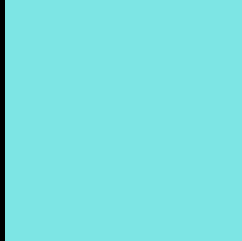
Large Text (above 18pt) WCAG AA × Fail

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 197.7900, 14.8935, -63.8368 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

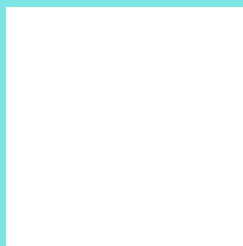
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.7900, 14.8935, -63.8368

Background



This preview shows how black text looks on a background with the YUV color 197.7900, 14.8935, -63.8368.



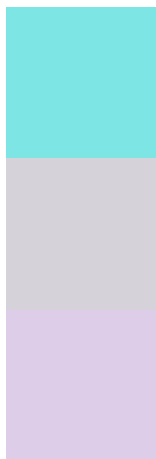
This preview shows how white text looks on a background with the YUV color 197.7900, 14.8935, -63.8368.

-63.8368.

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

197.7900, 14.8935, -63.8368

Protanopia

211.6950, 2.6154, 1.1445

Deuteranopia

212.9760, 9.8718, 7.0370



Tritanopia

199.4620, 22.4502, -60.9182

Trichromacy



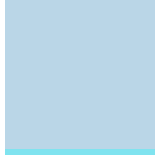
Original Color

197.7900, 14.8935, -63.8368



Protanomaly

206.6920, 7.0538, -22.5319



Deuteranomaly

207.5660, 11.5530, -18.9134



Tritanomaly

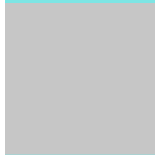
198.7670, 19.8349, -62.0627

Monochromacy



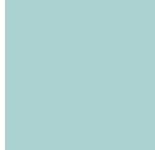
Original Color

197.7900, 14.8935, -63.8368



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.6380, 5.6015, -23.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7900, 14.8935, -63.8368 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(125, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(125, 229, 228)  
}
```

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(125, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 229, 228) }
```

Border

The CSS property to change the border of an element to YUV 197.7900, 14.8935, -63.8368 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(125, 229, 228) }
```


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

```
.border{ border-color:rgb(125, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(125, 229,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 197.7900, 14.8935, -63.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 229, 228) }
```

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

```
.background{ background-color: rgb(125,  
229, 228) }
```

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