

Converting Colors

YUV(197.2880, 2.8160,
-63.3966)

Have a look what the booklet for
YUV(197.2880, 2.8160, -63.3966)
contains.

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Color

**YUV(197.2880, 2.8160,
-63.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE9CB
RGB	125, 233, 203
RGB Percent	49%, 91%, 80%
CMY	0.5098, 0.0863, 0.2039
CMYK	0.46, 0.00, 0.13, 0.09
HSL	163°, 71%, 70%
HSV	163°, 46%, 91%
XYZ	48.3759, 66.9496, 66.8728
YIQ	197.2880, -54.7380, -32.2260

Conversions

Conversions Part 2

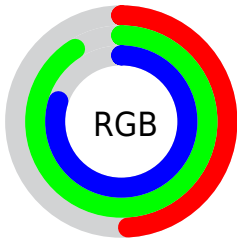
Format	Color
RYB	125, 188, 233
Decimal	8251851
CIELab	85.48, -38.20, 4.96
CIELCh	85, 38.519, 172.604
Yxy	66.9496, 0.2655, 0.3675
Android (android.graphics.Color)	4286441931 (0xFF7DE9CB)
YUV	197.2880, 2.8160, -63.3966
Hunter-Lab	81.8227, -37.6557, 8.8189

Details

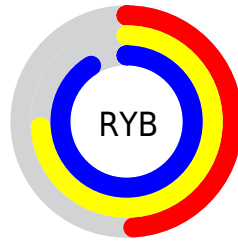
The YUV color $197.2880, 2.8160, -63.3966$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $160.7120, -2.8160, 63.3966$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.4720, 10.6133, -44.2639$, and $140.6190, 4.1318, -65.4409$ is the 20% darker color. If you saturate the color by 10%, you get $189.7270, 3.5856, -76.9366$, and if you desaturate by 10%, it is $204.8490, 2.0464, -49.8566$.

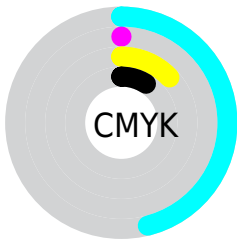
Distribution



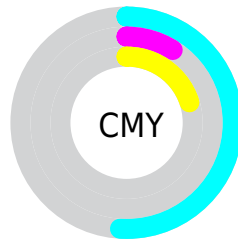
- Red (49%)
- Green (91%)
- Blue (80%)



- Red (49%)
- Yellow (74%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2880, 2.8160, -63.3966 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 197.2880, 2.8160, -63.3966 by changing the saturation by 10% instead.

■ 197.2880, 2.8160,
-63.3966

■ 197.2880, 2.8160,
-63.3966

255.0000, 0.0000,
0.0000

■ 169.1030, 3.4002,
-64.1113

■ 233.4720, 10.6133,
-44.2639

■ 140.6190, 4.1318,
-65.4409

■ 242.1430, 6.3385,
-26.4354

■ 110.7430, 6.0427,
-71.6886

■ 251.1130, 1.9163,
-7.9921

■ 83.3730, 7.2111,
-73.1181

■ 66.0760, 4.3995,
-57.9487

■ 48.7790, 1.5880,
-42.7792

■ 32.8840, -0.9288,

-28.8393

■ 17.2340, -5.0454,
-15.1142

■ 0.0000, 0.0000,
0.0000

■ 197.2880, 2.8160,
-63.3966

■ 197.2880, 2.8160,
-63.3966

■ 189.7270, 3.5856,
-76.9366

■ 204.8490, 2.0464,
-49.8566

■ 181.7530, 4.0658,
-90.9914

■ 212.8230, 1.5663,
-35.8018

■ 174.1920, 4.8353,
-104.5314

■ 220.3840, 0.7967,
-22.2618

■ 166.5170, 5.1681,
-117.9714


■ 228.0590, 0.4639,
-8.8217

 158.9560, 5.9377,
-131.5114

 235.9190, -0.4531,
5.3330

 155.9230, 5.9540,
-136.7445

 240.6040, 0.6882,
12.6253

 241.2880, 3.3090,
12.0254

 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



203.2200, -17.3635, -30.8879



197.2880, 2.8160, -63.3966



191.6390, 23.8420, -87.3834

Triad

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



197.2880, 2.8160, -63.3966



212.1730, 21.1137, -5.4137



209.1950, -25.7321, 40.1710

Complementary

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



197.2880, 2.8160, -63.3966



160.7120, -2.8160, 63.3966

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.



207.3320, -10.0237, 41.8048



197.2880, 2.8160, -63.3966



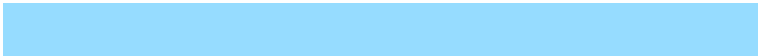
218.5840, 17.9531, 28.4288

Square

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



197.2880, 2.8160, -63.3966



203.0600, 25.6064, -46.5336



211.5500, 6.1379, 38.1057



212.0230, -35.0143, 30.6748

Rectangle

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



197.2880, 2.8160, -63.3966



192.1750, 30.9727, -87.8535



211.5500, 6.1379, 38.1057



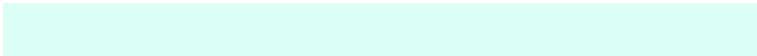
207.8730, -20.6434, 41.3304

Sweetspot

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



197.2880, 2.8160, -63.3966



243.0960, 0.9387, -21.1322



197.6650, -35.8238, -36.5402



120.6240, 0.1854, -12.8252



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.



197.2880, 2.8160, -63.3966



207.6830, 3.6073, -83.9140



187.2070, 22.5759, -54.5555



113.3690, 0.3111, -6.4626



121.1810, 4.8408, -106.2757



36.1440, 1.4080, -31.6983

Inverse Universe

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



160.7120, -2.8160, 63.3966



159.3170, -3.6073, 83.9140



170.7930, -22.5759, 54.5555



109.6310, -0.3111, 6.4626



59.8190, -4.8408, 106.2757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 197.2880, 2.8160, -63.3966 looks on a white background.

Color Contrast Check

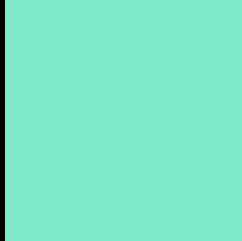
Large Text (above 18pt) WCAG AA × Fail

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 197.2880, 2.8160, -63.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

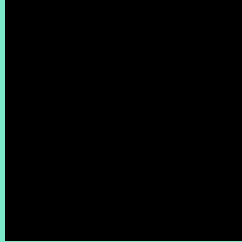
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

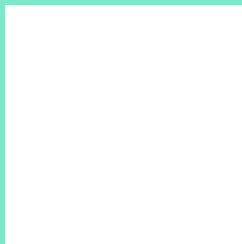
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.2880, 2.8160, -63.3966

Background



This preview shows how black text looks on a background with the YUV color 197.2880, 2.8160, -63.3966.



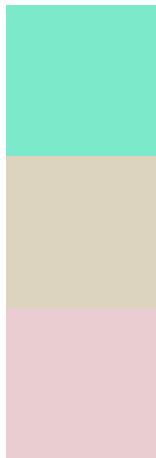
This preview shows how white text looks on a background with the YUV color 197.2880, 2.8160,

-63.3966.

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

197.2880, 2.8160, -63.3966

Protanopia

212.4110, -10.0626, 7.5326

Deuteranopia

214.1270, -2.5276, 17.4286



Tritanopia

202.1420, 21.1290, -57.1295

Trichromacy



Original Color

197.2880, 2.8160, -63.3966



Protanomaly

207.0980, -5.4713, -18.5029



Deuteranomaly

207.8090, -0.3988, -12.1105



Tritanomaly

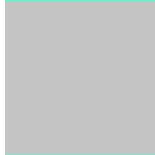
200.4100, 14.5879, -59.1186

Monochromacy



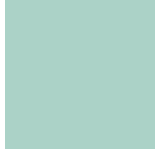
Original Color

197.2880, 2.8160, -63.3966



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0850, 0.9441, -22.8765

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2880, 2.8160, -63.3966 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, 233, 203)` looks like.

```
.text, #text, p{  
    color:rgb(125, 233, 203)  
}
```

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, 233, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 233, 203) }
```

Border

The CSS property to change the border of an element to YUV 197.2880, 2.8160, -63.3966 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, 233, 203) }
```


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

```
.border{ border-color:rgb(125, 233, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 233, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 233, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 233, 203); box-shadow:4px 4px 4px 4px rgb(125, 233, 203) }
```

Background

The CSS property to change the background color of an element to YUV 197.2880, 2.8160, -63.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 233, 203) }
```

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

```
.background{ background-color: rgb(125,  
233, 203) }
```

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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