

Converting Colors

YUV(200.9600, -9.8403,
-63.9859)

Have a look what the booklet for
YUV(200.9600, -9.8403, -63.9859)
contains.

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Color

**YUV(200.9600, -9.8403,
-63.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	80F2B5
RGB	128, 242, 181
RGB Percent	50%, 95%, 71%
CMY	0.4980, 0.0510, 0.2902
CMYK	0.47, 0.00, 0.25, 0.05
HSL	148°, 81%, 73%
HSV	148°, 47%, 95%
XYZ	48.9947, 71.4297, 54.9211
YIQ	200.9600, -48.3630, -43.1390

Conversions

Conversions Part 2

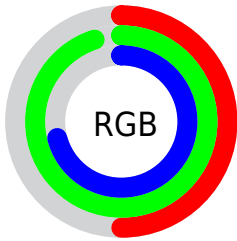
Format	Color
RYB	128, 206, 242
Decimal	8450741
CIELab	87.69, -46.05, 19.58
CIElCh	88, 50.039, 156.969
Yxy	71.4297, 0.2794, 0.4074
Android (android.graphics.Color)	4286640821 (0xFF80F2B5)
YUV	200.9600, -9.8403, -63.9859
Hunter-Lab	84.5161, -44.4251, 20.6328

Details

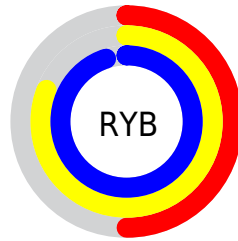
The YUV color **200.9600, -9.8403, -63.9859** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **169.0400, 9.8403, 63.9859**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3170, 2.3087, -40.6200**, and **143.8180, -7.7983, -65.6154** is the 20% darker color. If you saturate the color by 10%, you get **192.3020, -11.9809, -77.4409**, and if you desaturate by 10%, it is **209.6180, -7.6997, -50.5310**.

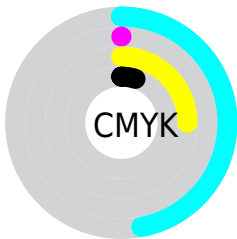
Distribution



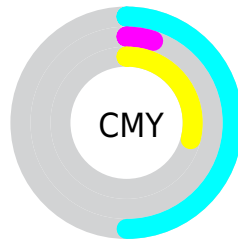
- Red (50%)
- Green (95%)
- Blue (71%)



- Red (50%)
- Yellow (81%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)





- Cyan (50%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.9600, -9.8403, -63.9859 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 200.9600, -9.8403, -63.9859 by changing the saturation by 10% instead.

 200.9600, -9.8403,
-63.9859

 200.9600, -9.8403,
-63.9859

255.0000, 0.0000,
0.0000


 172.1880, -8.9667,
-64.1859


 232.3170, 2.3087,
-40.6200


 143.8180, -7.7983,
-65.6154


 243.0400, 5.8963,
-24.5911

 114.3550, -5.5980,
-71.3483

 252.0100, 1.4741,
-6.1478

 85.7890, -3.8400,
-75.2370

 67.9050, -6.3622,
-59.5527

 50.7220, -8.7369,
-44.4832

 34.1260, -11.4011,

-29.9285

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 200.9600, -9.8403,
-63.9859

■ 200.9600, -9.8403,
-63.9859

■ 192.3020,
-11.9809, -77.4409

■ 209.6180, -7.6997,
-50.5310

■ 183.6440,
-14.1215, -90.8958

■ 218.2760, -5.5591,
-37.0761

■ 174.6870,
-16.1147, -104.9655

■ 227.2330, -3.5659,
-23.0063

■ 166.0290,
-18.2553, -118.4204

■ 235.8910, -1.4253,
-9.5514

■ 157.3710,
-20.3959, -131.8754

■ 244.5490, 0.7153,
3.9035

■ 154.9360,
-20.6744, -135.8789

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



209.7580, -33.4047, -19.0818



200.9600, -9.8403, -63.9859



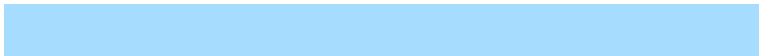
181.0980, 24.1087, -126.3739

Triad

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



200.9600, -9.8403, -63.9859



208.4310, 22.9585, -37.2120



205.9980, -20.2120, 42.9748

Complementary

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



200.9600, -9.8403, -63.9859



169.0400, 9.8403, 63.9859

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.



207.0190, 1.4696, 42.0793



200.9600, -9.8403, -63.9859



219.6920, 17.4068, 16.9331

Square

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



200.9600, -9.8403, -63.9859



186.7490, 33.6477, -105.8969



215.6710, 19.3892, 34.4915



211.1550, -38.5304, 38.4521

Rectangle

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



200.9600, -9.8403, -63.9859



172.2980, 40.7721, -151.1053



215.6710, 19.3892, 34.4915



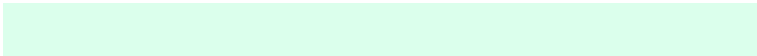
205.2460, -12.9393, 43.6343

Sweetspot

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



200.9600, -9.8403, -63.9859



242.0700, -2.9925, -20.2324



213.7550, -42.2772, -19.9561



120.0540, -1.9986, -12.3254



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.



200.9600, -9.8403, -63.9859



202.7530, -12.6962, -81.3444



207.2300, 14.1836, -69.4847



115.6140, -1.2887, -6.6775



117.6980, -16.1201, -103.2211



35.8360, -4.8491, -31.4282

Inverse Universe

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



169.0400, 9.8403, 63.9859



162.1330, 12.2594, 81.4444



162.7700, -14.1836, 69.4847



112.2720, 0.8519, 6.7775



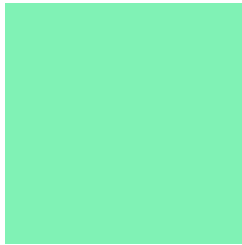
66.1880, 15.6833, 103.3211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 200.9600, -9.8403, -63.9859 looks on a white background.

Color Contrast Check

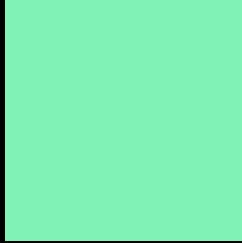
Large Text (above 18pt) WCAG AA × Fail

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 200.9600, -9.8403, -63.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

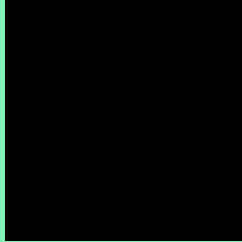
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.9600, -9.8403, -63.9859

Background



This preview shows how black text looks on a background with the YUV color 200.9600, -9.8403, -63.9859.



This preview shows how white text looks on a background with the YUV color 200.9600, -9.8403,

-63.9859.

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

200.9600, -9.8403, -63.9859

Protanopia

217.0130, -23.1774, 14.0206

Deuteranopia

219.4520, -15.5058, 26.7906



Tritanopia

209.0390, 20.6868, -55.2852

Trichromacy



Original Color

200.9600, -9.8403, -63.9859



Protanomaly

211.3900, -18.4333, -14.3740



Deuteranomaly

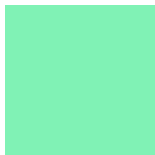
212.9980, -13.8030, -6.1372



Tritanomaly

205.8570, 9.9305, -58.6336

Monochromacy



Original Color

200.9600, -9.8403, -63.9859



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.9340, -3.4185, -23.6211

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9600, -9.8403, -63.9859 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(128, 242, 181)` looks like.

```
.text, #text, p{  
    color:rgb(128, 242, 181)  
}
```

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(128, 242, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 242, 181) }
```

Border

The CSS property to change the border of an element to YUV 200.9600, -9.8403, -63.9859 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(128, 242, 181) }
```


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

```
.border{ border-color:rgb(128, 242, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 242, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 242, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 242, 181);  
box-shadow:4px 4px 4px 4px rgb(128, 242,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 200.9600, -9.8403, -63.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 242, 181) }
```

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

```
.background{ background-color: rgb(128,  
242, 181) }
```

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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