

Converting Colors

YUV(201.0960, 3.8967,
-83.3992)

Have a look what the booklet for
YUV(201.0960, 3.8967, -83.3992)
contains.

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Color

**YUV(201.0960, 3.8967,
-83.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	6AF8D1
RGB	106, 248, 209
RGB Percent	42%, 97%, 82%
CMY	0.5843, 0.0275, 0.1804
CMYK	0.57, 0.00, 0.16, 0.03
HSL	164°, 91%, 69%
HSV	164°, 57%, 97%
XYZ	51.0199, 74.8024, 72.0709
YIQ	201.0960, -72.1130, -42.2330

Conversions

Conversions Part 2

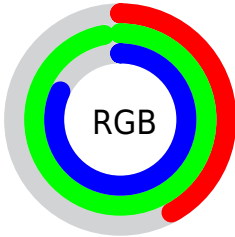
Format	Color
RYB	106, 188, 248
Decimal	7010513
CIELab	89.30, -47.53, 7.25
CIELCh	89, 48.078, 171.324
Yxy	74.8024, 0.2578, 0.3780
Android (android.graphics.Color)	4285200593 (0xFF6AF8D1)
YUV	201.0960, 3.8967, -83.3992
Hunter-Lab	86.4884, -46.0568, 11.1354

Details

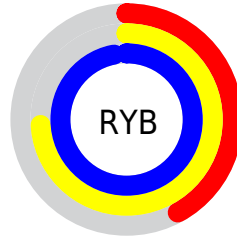
The YUV color **201.0960, 3.8967, -83.3992** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **152.9040, -3.8967, 83.3992**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **138.1590, 8.3026, -96.6094** is the 20% darker color. If you saturate the color by 10%, you get **192.8230, 4.5243, -98.0688**, and if you desaturate by 10%, it is **209.3690, 3.2691, -68.7296**.

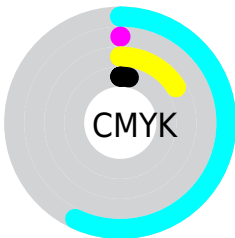
Distribution



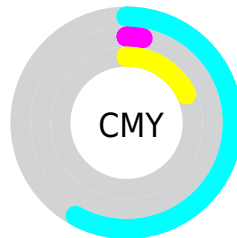
- Red (42%)
- Green (97%)
- Blue (82%)



- Red (42%)
- Yellow (74%)
- Blue (97%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)





- Cyan (58%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.0960, 3.8967, -83.3992 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 201.0960, 3.8967, -83.3992 by changing the saturation by 10% instead.


 201.0960, 3.8967,
-83.3992

 201.0960, 3.8967,
-83.3992

255.0000, 0.0000,
0.0000

 171.0140, 4.9231,
-85.9583


 228.9870, 12.8244,
-53.4856

 138.1590, 8.3026,
-96.6094

 237.9570, 8.4022,
-35.0423

 110.3870, 9.1762,
-96.8094

 246.9270, 3.9800,
-16.5990

 91.6880, 6.0698,
-80.4104

 73.5760, 2.6740,
-64.5262

 56.3930, 0.2993,
-49.4567

 39.2100, -2.0755,

-34.3872

■ 23.9020, -4.8817,
-20.9621

■ 0.0000, 0.0000,
0.0000

■ 201.0960, 3.8967,
-83.3992

■ 201.0960, 3.8967,
-83.3992

■ 192.8230, 4.5243,
-98.0688

■ 209.3690, 3.2691,
-68.7296

■ 184.5500, 5.1519,
-112.7383

■ 217.6420, 2.6415,
-54.0600

■ 176.6900, 6.0688,
-126.8931


■ 225.5020, 1.7245,
-39.9053


■ 168.4170, 6.6964,
-141.5627

■ 233.7750, 1.0969,
-25.2357

 166.0960, 6.8547,
-145.6662

 242.0480, 0.4693,
-10.5661

 250.3210, -0.1583,
4.1035

 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



211.0960, -22.7253, -37.7952



201.0960, 3.8967, -83.3992



177.3260, 38.2933, -149.3759

Triad

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



201.0960, 3.8967, -83.3992



219.2390, 17.6302, -8.1026



211.7880, -28.4895, 37.8969

Complementary

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



201.0960, 3.8967, -83.3992



152.9040, -3.8967, 83.3992

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.



209.7770, -8.2711, 39.6606



201.0960, 3.8967, -83.3992



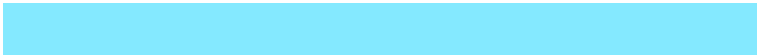
223.3020, 15.6271, 27.7991

Square

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



201.0960, 3.8967, -83.3992



205.3090, 24.4977, -64.2920



215.1350, 12.2584, 34.9616



218.7860, -42.2925, 31.7597

Rectangle

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



201.0960, 3.8967, -83.3992



173.4720, 40.1933, -152.1349



215.1350, 12.2584, 34.9616



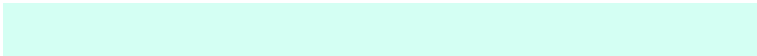
210.8080, -22.0903, 38.7564

Sweetspot

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



201.0960, 3.8967, -83.3992



240.7750, 1.0969, -25.2357



201.3140, -46.9898, -48.5104



119.3140, 0.3382, -15.1844



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.



201.0960, 3.8967, -83.3992



196.9040, 4.9773, -103.4018



187.3450, 29.9029, -71.3396



120.7710, 0.6059, -7.6922



126.5610, 5.1464, -110.9940



40.8230, 1.5663, -35.8018

Inverse Universe

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



152.9040, -3.8967, 83.3992



137.0960, -4.9773, 103.4018



166.6550, -29.9029, 71.3396



116.3430, -0.1691, 7.5922



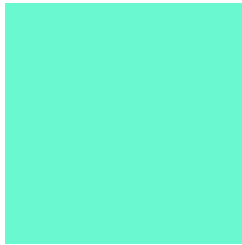
62.4390, -5.1464, 110.9940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 201.0960, 3.8967, -83.3992 looks on a white background.

Color Contrast Check

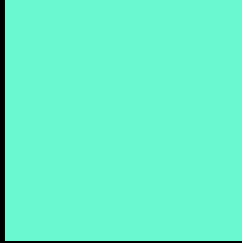
Large Text (above 18pt) WCAG AA × Fail

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 201.0960, 3.8967, -83.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

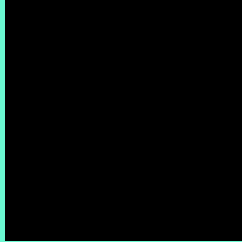
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.0960, 3.8967, -83.3992

Background



This preview shows how black text looks on a background with the YUV color 201.0960, 3.8967, -83.3992.



This preview shows how white text looks on a background with the YUV color 201.0960, 3.8967,

-83.3992.

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

201.0960, 3.8967, -83.3992

Protanopia

222.2110, -13.4150, 9.4620

Deuteranopia

224.6820, -4.2802, 19.5729



Tritanopia

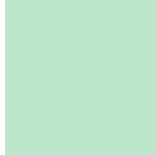
211.8320, 21.2818, -59.4887

Trichromacy



Original Color

201.0960, 3.8967, -83.3992



Protanomaly

214.3100, -7.0548, -23.9509



Deuteranomaly

216.1350, -1.5456, -17.6584



Tritanomaly

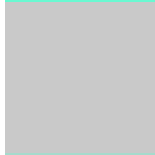
208.0560, 14.7624, -68.4551

Monochromacy



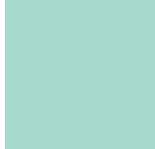
Original Color

201.0960, 3.8967, -83.3992



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.8560, 1.5500, -30.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0960, 3.8967, -83.3992 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(106, 248, 209)` looks like.

```
.text, #text, p{  
    color:rgb(106, 248, 209)  
}
```

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(106, 248, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 248, 209) }
```

Border

The CSS property to change the border of an element to YUV 201.0960, 3.8967, -83.3992 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(106, 248, 209) }
```


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

```
.border{ border-color:rgb(106, 248, 209) }
```

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

Here you see how a box with a 4 pixel rgb(106, 248, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 248, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 248, 209);  
box-shadow:4px 4px 4px 4px rgb(106, 248,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 201.0960, 3.8967, -83.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 248, 209) }
```

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

```
.background{ background-color: rgb(106,  
248, 209) }
```

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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