

Converting Colors

YUV(203.1380, -9.9280,
-82.5590)

Have a look what the booklet for
YUV(203.1380, -9.9280, -82.5590)
contains.

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Color

**YUV(203.1380, -9.9280,
-82.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFFB7
RGB	109, 255, 183
RGB Percent	43%, 100%, 72%
CMY	0.5725, 0.0000, 0.2824
CMYK	0.57, 0.00, 0.28, 0.00
HSL	150°, 100%, 71%
HSV	150°, 57%, 100%
XYZ	50.6139, 78.1901, 57.2243
YIQ	203.1380, -63.9040, -53.3440

Conversions

Conversions Part 2

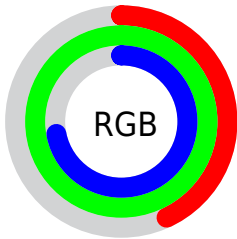
Format	Color
RYB	109, 206, 255
Decimal	7208887
CIELab	90.87, -55.36, 22.85
CIELCh	91, 59.891, 157.569
Yxy	78.1901, 0.2721, 0.4203
Android (android.graphics.Color)	4285398967 (0xFF6DFFB7)
YUV	203.1380, -9.9280, -82.5590
Hunter-Lab	88.4252, -52.5720, 23.5281

Details

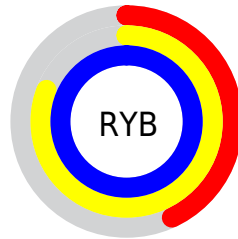
The YUV color **203.1380, -9.9280, -82.5590** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **160.8620, 9.9280, 82.5590**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7610, 5.5408, -50.6564**, and **140.6250, -5.2381, -93.5101** is the 20% darker color. If you saturate the color by 10%, you get **194.1810, -11.9212, -96.6287**, and if you desaturate by 10%, it is **212.3940, -8.0822, -67.8745**.

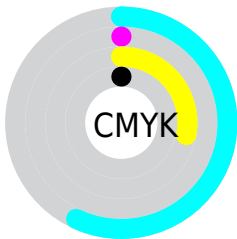
Distribution



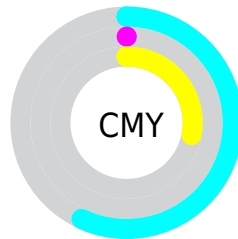
- Red (43%)
- Green (100%)
- Blue (72%)



- Red (43%)
- Yellow (81%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.1380, -9.9280, -82.5590 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 203.1380, -9.9280, -82.5590 by changing the saturation by 10% instead.

 203.1380, -9.9280,
-82.5590

 203.1380, -9.9280,
-82.5590

255.0000, 0.0000,
0.0000

 173.1700, -8.4648,
-85.2181


 227.7610, 5.5408,
-50.6564


 140.6250, -5.2381,
-93.5101


 238.8540, 7.9600,
-33.1980

 111.0590, -3.4801,
-97.3987

 247.8240, 3.5378,
-14.7546

 92.4740, -6.1497,
-81.0997

 74.4760, -9.1087,
-65.3155

 56.7060, -11.1941,
-49.7312

 39.5230, -13.5688,

-34.6617

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 203.1380, -9.9280,
-82.5590

■ 203.1380, -9.9280,
-82.5590

■ 194.1810,
-11.9212, -96.6287

■ 212.3940, -8.0822,
-67.8745

■ 185.0390,
-13.3302, -111.4132

■ 221.2370, -6.5258,
-53.7048

■ 176.0820,
-15.3234, -125.4829

■ 230.4930, -4.6800,
-39.0204

■ 166.9400,
-16.7324, -140.2674

■ 239.3360, -3.1236,
-24.8507

■ 164.3910,
-17.4478, -144.1709

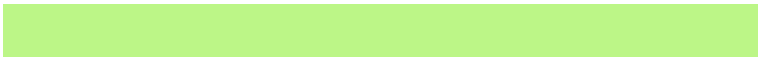
■ 248.5920, -1.2779,
-10.1662

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



216.0040, -39.9350, -24.5595



203.1380, -9.9280, -82.5590



177.2730, 31.9104, -155.4684

Triad

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



203.1380, -9.9280, -82.5590



211.9200, 21.2384, -45.5338



206.8300, -22.1012, 42.2451

Complementary

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



203.1380, -9.9280, -82.5590



160.8620, 9.9280, 82.5590

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.



207.1160, 4.3798, 41.9943



203.1380, -9.9280, -82.5590



226.8130, 13.8962, 22.9660

Square

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



203.1380, -9.9280, -82.5590



174.0590, 39.9039, -152.6497



215.6710, 19.3892, 34.4915



213.5370, -44.6347, 36.3631

Rectangle

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



203.1380, -9.9280, -82.5590



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915



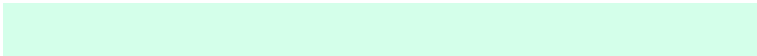
205.8330, -13.2287, 43.1195

Sweetspot

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



203.1380, -9.9280, -82.5590



239.7490, -2.8343, -24.3359



216.5290, -53.0118, -30.2819



118.7440, -1.8458, -14.6845



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.



203.1380, -9.9280, -82.5590



192.4580, -12.0578, -99.5027



211.3460, 21.5214, -89.7574



123.3150, -1.1413, -7.2923



123.1750, -12.9043, -108.0245



41.2160, -4.5435, -36.1464

Inverse Universe

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



160.8620, 9.9280, 82.5590



141.5420, 12.0578, 99.5027



152.6540, -21.5214, 89.7574



119.5710, 0.7045, 7.3922



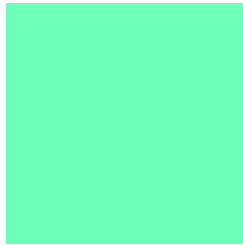
67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 203.1380, -9.9280, -82.5590 looks on a white background.

Color Contrast Check

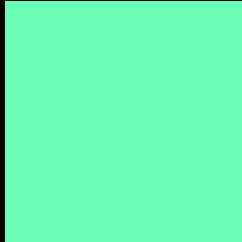
Large Text (above 18pt) WCAG AA × Fail

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 203.1380, -9.9280, -82.5590 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 203.1380, -9.9280, -82.5590

Background



This preview shows how black text looks on a background with the YUV color 203.1380, -9.9280, -82.5590.



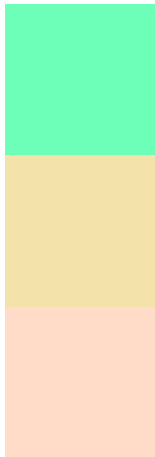
This preview shows how white text looks on a background with the YUV color 203.1380, -9.9280, -82.5590.

-82.5590.

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

203.1380, -9.9280, -82.5590

Protanopia

225.2860, -27.2560, 15.5352

Deuteranopia

228.0710, -14.3320, 23.6167



Tritanopia

219.2850, 17.6075, -47.6079

Trichromacy



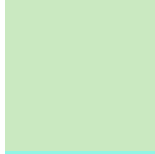
Original Color

203.1380, -9.9280, -82.5590



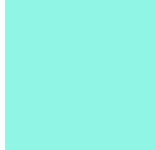
Protanomaly

217.0750, -20.7430, -20.2368



Deuteranomaly

219.1710, -12.9023, -15.0590



Tritanomaly

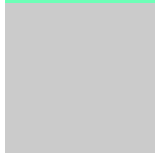
213.2760, 7.7519, -59.8781

Monochromacy



Original Color

203.1380, -9.9280, -82.5590



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1890, -3.5442, -29.9838

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1380, -9.9280, -82.5590 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(109, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 183)  
}
```

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(109, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 183) }
```

Border

The CSS property to change the border of an element to YUV 203.1380, -9.9280, -82.5590 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(109, 255, 183) }
```


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

```
.border{ border-color:rgb(109, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(109, 255,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 203.1380, -9.9280, -82.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 183) }
```

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

```
.background{ background-color: rgb(109,  
255, 183) }
```

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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