

Converting Colors

YUV(203.9310, 10.8800,
-83.2545)

Have a look what the booklet for
YUV(203.9310, 10.8800, -83.2545)
contains.

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Color

**YUV(203.9310, 10.8800,
-83.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF8E2
RGB	109, 248, 226
RGB Percent	43%, 97%, 89%
CMY	0.5725, 0.0275, 0.1137
CMYK	0.56, 0.00, 0.09, 0.03
HSL	171°, 91%, 70%
HSV	171°, 56%, 97%
XYZ	53.6015, 75.8770, 83.7721
YIQ	203.9310, -75.7820, -36.3100

Conversions

Conversions Part 2

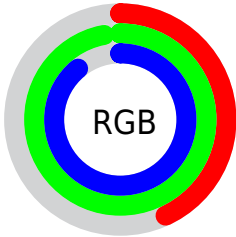
Format	Color
RYB	109, 184, 248
Decimal	7207138
CIELab	89.80, -42.95, -0.85
CIELCh	90, 42.958, 181.129
Yxy	75.8770, 0.2514, 0.3558
Android (android.graphics.Color)	4285397218 (0xFF6DF8E2)
YUV	203.9310, 10.8800, -83.2545
Hunter-Lab	87.1074, -42.5980, 3.9553

Details

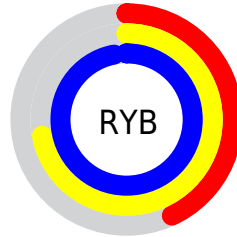
The YUV color **203.9310, 10.8800, -83.2545** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **153.0690, -10.8800, 83.2545**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **141.4780, 14.5543, -95.1352** is the 20% darker color. If you saturate the color by 10%, you get **196.0000, 12.8180, -98.2240**, and if you desaturate by 10%, it is **211.8620, 8.9420, -68.2850**.

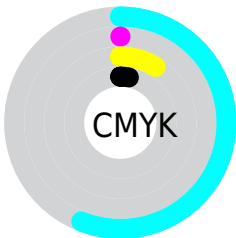
Distribution



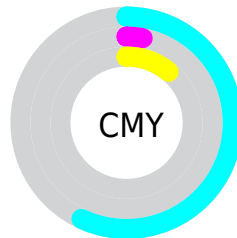
- Red (43%)
- Green (97%)
- Blue (89%)



- Red (43%)
- Yellow (72%)
- Blue (97%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)





- Cyan (57%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.9310, 10.8800, -83.2545 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 203.9310, 10.8800, -83.2545 by changing the saturation by 10% instead.


 203.9310, 10.8800,
-83.2545

 203.9310, 10.8800,
-83.2545


255.0000, 0.0000,
0.0000


 173.8490, 11.9064,
-85.8136


 229.8840, 12.3822,
-51.6413

 141.4780, 14.5543,
-95.1352

 238.8540, 7.9600,
-33.1980

 112.0970, 15.7282,
-98.3091

 248.1230, 3.3904,
-14.1399

 93.3980, 12.6218,
-81.9100

 75.2860, 9.2260,
-66.0258

 57.9890, 6.4144,
-50.8564

 41.2790, 3.3135,

-36.2017

■ 26.5580, 0.2179,
-23.2914

■ 0.1140, 0.4368,
-0.1000

■ 203.9310, 10.8800,
-83.2545

■ 203.9310, 10.8800,
-83.2545

■ 196.0000, 12.8180,
-98.2240

■ 211.8620, 8.9420,
-68.2850

■ 188.0690, 14.7560,
-113.1935

■ 219.7930, 7.0041,
-53.3155

■ 180.4370, 16.5466,
-127.5482

■ 227.4250, 5.2135,
-38.9607

■ 172.5060, 18.4845,
-142.5178

■ 235.3560, 3.2755,
-23.9912

■ 169.4020, 19.5218,
-148.5656

■ 243.2870, 1.3375,
-9.0217

■ 250.3210, -0.1583,
4.1035

■ 250.6630, 1.1521,
3.8035

■ 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.



212.1580, -13.3889, -45.7426



203.9310, 10.8800, -83.2545



196.1850, 28.9958, -107.1562

Triad

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



203.9310, 10.8800, -83.2545



224.9420, 14.8186, 7.0669



217.1850, -30.6572, 33.1638

Complementary

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



203.9310, 10.8800, -83.2545



153.0690, -10.8800, 83.2545

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.



213.5610, -14.0806, 36.3420



203.9310, 10.8800, -83.2545



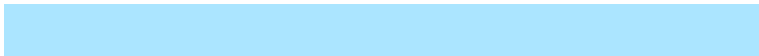
223.3020, 15.6271, 27.7991

Square

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



203.9310, 10.8800, -83.2545



214.6220, 19.9064, -38.2565



215.8870, 4.9857, 34.3021



223.1380, -39.5080, 25.3120

Rectangle

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



203.9310, 10.8800, -83.2545



198.0230, 28.0897, -96.4902



215.8870, 4.9857, 34.3021



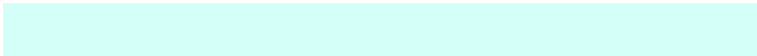
215.1620, -25.7159, 34.9379

Sweetspot

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



203.9310, 10.8800, -83.2545



241.3450, 3.2809, -25.7356



197.4700, -43.6157, -57.4172



119.6560, 1.6486, -15.4843



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.



203.9310, 10.8800, -83.2545



200.7930, 13.4131, -102.4275



179.4370, 33.8016, -61.7732



120.8850, 1.0427, -7.7921



129.0690, 14.7560, -113.1935



41.7350, 5.0606, -36.6016

Inverse Universe

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



153.0690, -10.8800, 83.2545



138.2070, -13.4131, 102.4275



177.5630, -33.8016, 61.7732



116.1150, -1.0427, 7.7921



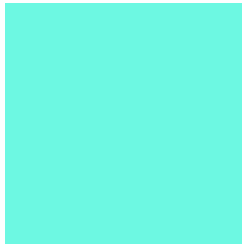
59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 203.9310, 10.8800, -83.2545 looks on a white background.

Color Contrast Check

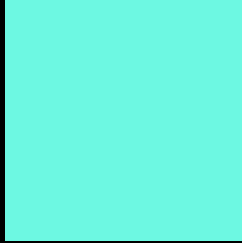
Large Text (above 18pt) WCAG AA × Fail

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 203.9310, 10.8800, -83.2545 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 203.9310, 10.8800, -83.2545

Background



This preview shows how black text looks on a background with the YUV color 203.9310, 10.8800, -83.2545.



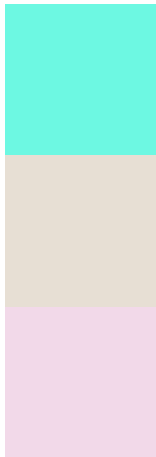
This preview shows how white text looks on a background with the YUV color 203.9310, 10.8800, -83.2545.

-83.2545.

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

203.9310, 10.8800, -83.2545

Protanopia

224.1380, -5.9840, 6.0180

Deuteranopia

226.2990, 3.3036, 13.7698



Tritanopia

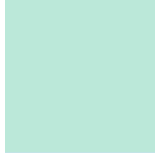
214.2130, 20.1080, -56.3148

Trichromacy



Original Color

203.9310, 10.8800, -83.2545



Protanomaly

216.8350, 0.0813, -26.1653



Deuteranomaly

218.0620, 5.8854, -21.1024



Tritanomaly

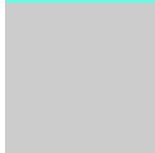
210.2350, 16.6461, -65.9811

Monochromacy



Original Color

203.9310, 10.8800, -83.2545



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.8390, 4.0234, -30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9310, 10.8800, -83.2545 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, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(109, 248, 226)  
}
```

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, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 248, 226) }
```

Border

The CSS property to change the border of an element to YUV 203.9310, 10.8800, -83.2545 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, 248, 226) }
```


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

```
.border{ border-color:rgb(109, 248, 226) }
```

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

Here you see how a box with a 4 pixel rgb(109, 248, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(109, 248,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 203.9310, 10.8800, -83.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 248, 226) }
```

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

```
.background{ background-color: rgb(109,  
248, 226) }
```

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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