

Converting Colors

YUV(188.0210, -8.8844,
-43.8684)

Have a look what the booklet for
YUV(188.0210, -8.8844, -43.8684)
contains.

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Color

**YUV(188.0210, -8.8844,
-43.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD9AA
RGB	138, 217, 170
RGB Percent	54%, 85%, 67%
CMY	0.4588, 0.1490, 0.3333
CMYK	0.36, 0.00, 0.22, 0.15
HSL	144°, 51%, 70%
HSV	144°, 36%, 85%
XYZ	42.5498, 57.9313, 46.9695
YIQ	188.0210, -31.9970, -31.3650

Conversions

Conversions Part 2

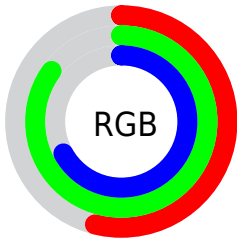
Format	Color
RYB	138, 194, 217
Decimal	9099690
CIELab	80.70, -34.32, 15.61
CIELCh	81, 37.702, 155.546
Yxy	57.9313, 0.2886, 0.3929
Android (android.graphics.Color)	4287289770 (0xFF8AD9AA)
YUV	188.0210, -8.8844, -43.8684
Hunter-Lab	76.1126, -33.4088, 16.6907

Details

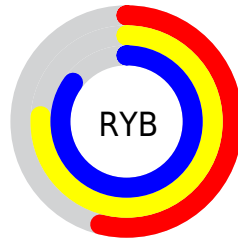
The YUV color **188.0210, -8.8844, -43.8684** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **166.9790, 8.8844, 43.8684**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3410, -4.1121, -34.5021**, and **133.6620, -7.7214, -43.5536** is the 20% darker color. If you saturate the color by 10%, you get **179.9610, -11.3198, -56.0938**, and if you desaturate by 10%, it is **196.0810, -6.4489, -31.6430**.

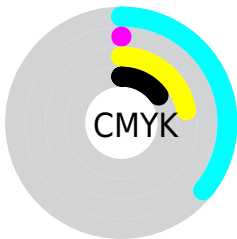
Distribution



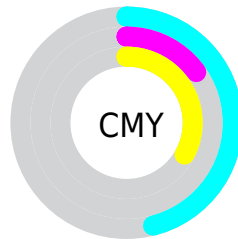
- Red (54%)
- Green (85%)
- Blue (67%)



- Red (54%)
- Yellow (76%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)




- Cyan (46%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0210, -8.8844, -43.8684 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 188.0210, -8.8844, -43.8684 by changing the saturation by 10% instead.


 188.0210, -8.8844,
-43.8684

 188.0210, -8.8844,
-43.8684

255.0000, 0.0000,
0.0000


 160.4340, -8.5950,
-43.3536


 233.3410, -4.1121,
-34.5021


 133.6620, -7.7214,
-43.5536


 245.0190, 4.4276,
-20.1877

 106.8900, -6.8478,
-43.7535

 254.1030, 0.4422,
-1.8443

 80.2210, -5.5320,
-45.7978

 54.6660, -3.7793,
-47.9421

 38.6570, -6.7329,
-33.9022

 22.8930, -11.2862,

-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 188.0210, -8.8844,
-43.8684

■ 188.0210, -8.8844,
-43.8684

■ 179.9610,
-11.3198, -56.0938

■ 196.0810, -6.4489,
-31.6430

■ 172.2000,
-13.9026, -67.7044

■ 203.8420, -3.8661,
-20.0324

■ 164.1400,
-16.3380, -79.9298

■ 211.9020, -1.4307,
-7.8071

■ 156.0800,
-18.7734, -92.1552

■ 219.9620, 1.0047,
4.4183

■ 148.3190,
-21.3563, -103.7658

■ 227.7230, 3.5876,
16.0289

■ 140.3730,
-23.3549, -116.0911

■ 231.7820, 7.5025,
20.3622

■ 137.4110,
-24.3596, -120.5094

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



193.2780, -25.2801, -11.6448



188.0210, -8.8844, -43.8684



181.6270, 12.0159, -74.2179

Triad

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



188.0210, -8.8844, -43.8684



195.4950, 29.3360, -29.3751



199.0850, -18.7759, 49.0375

Complementary

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



188.0210, -8.8844, -43.8684



166.9790, 8.8844, 43.8684

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.



200.0260, -2.4778, 48.2122



188.0210, -8.8844, -43.8684



203.7000, 25.2909, 8.1561

Square

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



188.0210, -8.8844, -43.8684



185.8060, 34.1126, -68.2359



205.7550, 11.9528, 39.6799



200.4250, -31.2685, 42.6003

Rectangle

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



188.0210, -8.8844, -43.8684



177.9810, 25.1524, -87.6833



205.7550, 11.9528, 39.6799



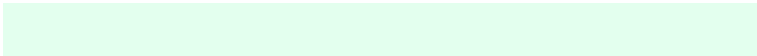
198.5780, -13.1030, 49.4821

Sweetspot

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



188.0210, -8.8844, -43.8684



244.6900, -3.2982, -15.5141



198.4260, -29.7900, -11.7746



121.7770, -1.8621, -9.4514



0.0000, 0.0000, 0.0000



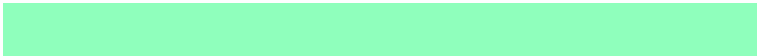
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.0210, -8.8844, -43.8684



213.8740, -12.7559, -62.1565



192.4670, 8.1508, -47.7676



105.9130, -1.4361, -6.0627



109.5310, -19.4888, -96.0587



29.1680, -5.0128, -25.5803

Inverse Universe

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



166.9790, 8.8844, 43.8684



184.1260, 12.7559, 62.1565



162.5330, -8.1508, 47.7676



102.9730, 0.9993, 6.1627



63.4690, 19.4888, 96.0587



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 188.0210, -8.8844, -43.8684 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 188.0210, -8.8844, -43.8684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

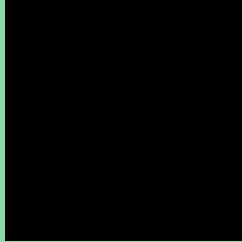
Any Text WCAG AA ✓ Pass

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 188.0210, -8.8844, -43.8684 Background



This preview shows how black text looks on a background with the YUV color 188.0210, -8.8844, -43.8684.



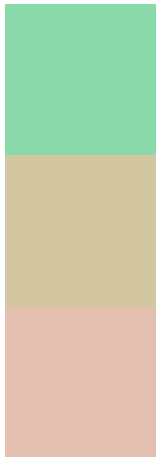
This preview shows how white text looks on a background with the YUV color 188.0210, -8.8844,

-43.8684.

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

188.0210, -8.8844, -43.8684

Protanopia

198.2560, -18.3672, 11.1765

Deuteranopia

200.5270, -12.5848, 23.2168



Tritanopia

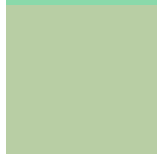
193.2970, 16.1226, -37.9715

Trichromacy



Original Color

188.0210, -8.8844, -43.8684



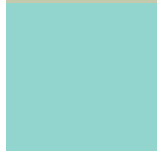
Protanomaly

194.6340, -15.1026, -9.3260



Deuteranomaly

196.0140, -11.3459, -0.8893



Tritanomaly

191.5820, 7.1081, -39.9754

Monochromacy



Original Color

188.0210, -8.8844, -43.8684



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.2770, -3.5876, -16.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0210, -8.8844, -43.8684 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(138, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 217, 170)  
}
```

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(138, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 217, 170) }
```

Border

The CSS property to change the border of an element to YUV 188.0210, -8.8844, -43.8684 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(138, 217, 170) }
```


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

```
.border{ border-color:rgb(138, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 217,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 188.0210, -8.8844, -43.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 217, 170) }
```

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

```
.background{ background-color: rgb(138,  
217, 170) }
```

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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