

Converting Colors

YUV(188.2070, 5.8139,
-44.9085)

Have a look what the booklet for
YUV(188.2070, 5.8139, -44.9085)
contains.

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Color

**YUV(188.2070, 5.8139,
-44.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	89D4C8
RGB	137, 212, 200
RGB Percent	54%, 83%, 78%
CMY	0.4627, 0.1686, 0.2157
CMYK	0.35, 0.00, 0.06, 0.17
HSL	170°, 47%, 68%
HSV	170°, 35%, 83%
XYZ	44.2853, 56.5755, 63.2297
YIQ	188.2070, -40.8480, -19.6320

Conversions

Conversions Part 2

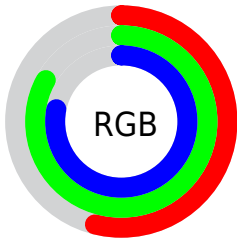
Format	Color
RYB	137, 178, 212
Decimal	9032904
CIELab	79.94, -25.91, -1.45
CIELCh	80, 25.952, 183.192
Yxy	56.5755, 0.2699, 0.3448
Android (android.graphics.Color)	4287222984 (0xFF89D4C8)
YUV	188.2070, 5.8139, -44.9085
Hunter-Lab	75.2167, -26.5337, 2.8105

Details

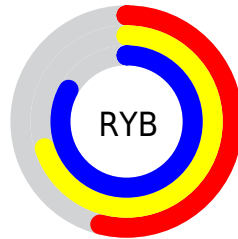
The YUV color **188.2070, 5.8139, -44.9085** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **160.7930, -5.8139, 44.9085**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **133.6200, 6.1033, -44.3937** is the 20% darker color. If you saturate the color by 10%, you get **181.5860, 7.5991, -57.5189**, and if you desaturate by 10%, it is **194.8280, 4.0288, -32.2982**.

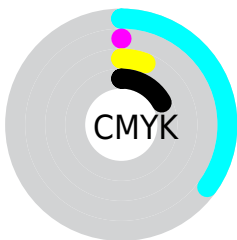
Distribution



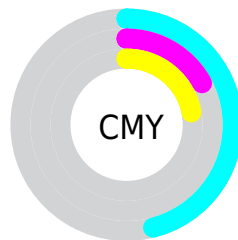
- Red (54%)
- Green (83%)
- Blue (78%)



- Red (54%)
- Yellow (70%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (46%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2070, 5.8139, -44.9085 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 188.2070, 5.8139, -44.9085 by changing the saturation by 10% instead.

■ 188.2070, 5.8139,
-44.9085

■ 188.2070, 5.8139,
-44.9085

255.0000, 0.0000,
0.0000

■ 160.6200, 6.1033,
-44.3937

■ 236.4620, 9.1392,
-38.1162

■ 133.6200, 6.1033,
-44.3937

■ 245.1330, 4.8644,
-20.2876

■ 107.0220, 6.3982,
-45.6233

■ 253.8040, 0.5896,
-2.4591

■ 80.0540, 7.8614,
-48.2824

■ 55.7550, 8.0088,
-48.8971

■ 39.1590, 5.3446,
-34.3424

■ 24.4380, 2.2491,

-21.4321

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 188.2070, 5.8139,
-44.9085

■ 188.2070, 5.8139,
-44.9085

■ 181.5860, 7.5991,
-57.5189

■ 194.8280, 4.0288,
-32.2982

■ 174.8510, 8.9475,
-70.0293

■ 201.5630, 2.6804,
-19.7878

■ 167.9310, 10.8800,
-83.2545

■ 208.4830, 0.7479,
-6.5626

■ 161.1960, 12.2284,
-95.7649

■ 215.2180, -0.6005,
5.9478

■ 154.5750, 14.0135,
-108.3753

■ 221.8390, -2.3856,
18.5582

■ 147.9540, 15.7987,
-120.9857

■ 225.7690, -2.8441,
25.6356

■ 144.7360, 16.3992,
-126.9335

■ 226.2250, -1.0969,
25.2357

■ 226.5670, 0.2135,
24.9357

■ 227.0230, 1.9607,
24.5358

Harmonies

Analogous

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



191.1740, -7.4808, -27.3396



188.2070, 5.8139, -44.9085



187.9640, 17.7657, -51.7114

Triad

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



188.2070, 5.8139, -44.9085



200.9570, 18.7552, 4.4227



198.9920, -21.1951, 31.5790

Complementary

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



188.2070, 5.8139, -44.9085



160.7930, -5.8139, 44.9085

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.



200.9960, -13.8020, 40.3455



188.2070, 5.8139, -44.9085



202.4560, 8.6492, 25.9101

Square

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



188.2070, 5.8139, -44.9085



196.5840, 24.3621, -20.6832



202.1450, -3.0295, 38.4608



196.7250, -23.0354, 15.1502

Rectangle

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



188.2070, 5.8139, -44.9085



189.6640, 22.8436, -47.0633



202.1450, -3.0295, 38.4608



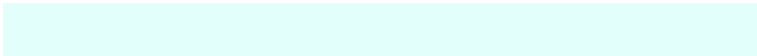
199.7690, -19.6061, 35.2826

Sweetspot

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



188.2070, 5.8139, -44.9085



246.1720, 2.3802, -16.8138



184.6130, -23.4732, -31.2326



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



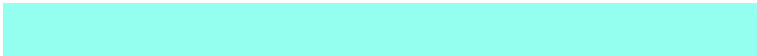
128.0000, 0.0000, 0.0000

Same Dimension

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



188.2070, 5.8139, -44.9085



221.0690, 8.3470, -64.0815



174.9000, 18.2903, -33.2383



103.4830, 0.7479, -6.5626



116.7930, 13.4131, -102.4275



29.3450, 3.2809, -25.7356

Inverse Universe

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



160.7930, -5.8139, 44.9085



181.9310, -8.3470, 64.0815



174.1000, -18.2903, 33.2383



99.5170, -0.7479, 6.5626



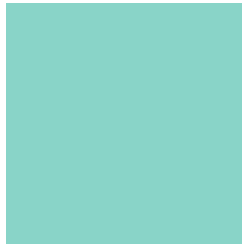
54.2070, -13.4131, 102.4275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 188.2070, 5.8139, -44.9085 looks on a white background.

Color Contrast Check

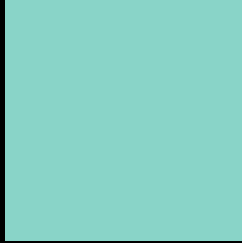
Large Text (above 18pt) WCAG AA × Fail

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 188.2070, 5.8139, -44.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

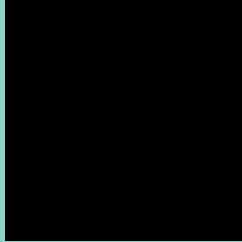
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2070, 5.8139, -44.9085

Background



This preview shows how black text looks on a background with the YUV color 188.2070, 5.8139, -44.9085.



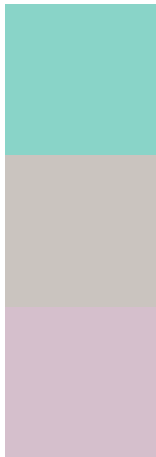
This preview shows how white text looks on a background with the YUV color 188.2070, 5.8139,

-44.9085.

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**

188.2070, 5.8139, -44.9085

Protanopia

197.2240, -3.0684, 4.1886

Deuteranopia

199.0600, 2.4354, 12.2254



Tritanopia

190.5030, 17.0070, -41.6601

Trichromacy



Original Color

188.2070, 5.8139, -44.9085

Protanomaly

193.9120, 0.0434, -13.9548

Deuteranomaly

195.2700, 3.8109, -9.0068

Tritanomaly

189.4660, 13.0813, -42.5047

Monochromacy



Original Color

188.2070, 5.8139, -44.9085

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2070, 5.8139, -44.9085 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(137, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(137, 212, 200)  
}
```

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(137, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 212, 200) }
```

Border

The CSS property to change the border of an element to YUV 188.2070, 5.8139, -44.9085 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(137, 212, 200) }
```


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

```
.border{ border-color:rgb(137, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(137, 212,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 188.2070, 5.8139, -44.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 212, 200) }
```

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

```
.background{ background-color: rgb(137,  
212, 200) }
```

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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