

Converting Colors

YUV(186.3410, 12.6499,
-44.1491)

Have a look what the booklet for
YUV(186.3410, 12.6499, -44.1491)
contains.

YUV(186.3410, 12.6499, -44.1491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.3410, 12.6499,
-44.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	88CFD4
RGB	136, 207, 212
RGB Percent	53%, 81%, 83%
CMY	0.4667, 0.1882, 0.1686
CMYK	0.36, 0.02, 0.00, 0.17
HSL	184°, 47%, 68%
HSV	184°, 36%, 83%
XYZ	44.3498, 54.6134, 70.4913
YIQ	186.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

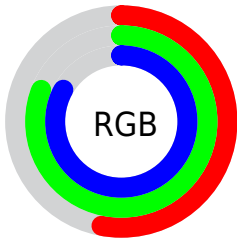
Format	Color
RYB	136, 173, 212
Decimal	8966100
CIELab	78.82, -20.89, -9.54
CIELCh	79, 22.961, 204.543
Yxy	54.6134, 0.2617, 0.3223
Android (android.graphics.Color)	4287156180 (0xFF88CFD4)
YUV	186.3410, 12.6499, -44.1491
Hunter-Lab	73.9008, -22.2040, -4.8240

Details

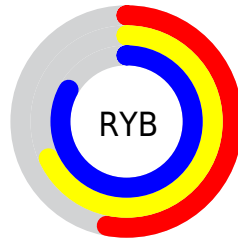
The YUV color **186.3410, 12.6499, -44.1491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.6590, -12.6499, 44.1491**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **131.3410, 12.6499, -44.1491** is the 20% darker color. If you saturate the color by 10%, you get **179.4750, 16.0348, -56.5446**, and if you desaturate by 10%, it is **193.2070, 9.2649, -31.7535**.

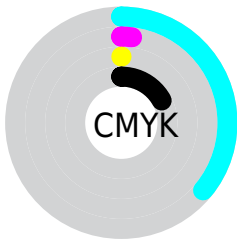
Distribution



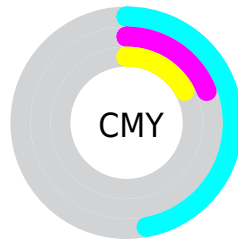
- Red (53%)
- Green (81%)
- Blue (83%)



- Red (53%)
- Yellow (68%)
- Blue (83%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3410, 12.6499, -44.1491 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 186.3410, 12.6499, -44.1491 by changing the saturation by 10% instead.

■ 186.3410, 12.6499,
-44.1491

■ 186.3410, 12.6499,
-44.1491

255.0000, 0.0000,
0.0000

■ 158.6400, 12.5025,
-43.5343

■ 236.1630, 9.2866,
-38.7310

■ 131.3410, 12.6499,
-44.1491

■ 244.8340, 5.0118,
-20.9024

■ 105.0420, 12.7973,
-44.7638

■ 253.5050, 0.7370,
-3.0739

■ 77.6500, 13.9765,
-49.6821

■ 54.5470, 13.5343,
-47.8377

■ 38.4240, 10.1440,
-33.6978

■ 23.5890, 6.6116,

-20.6876

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 186.3410, 12.6499,
-44.1491

■ 186.3410, 12.6499,
-44.1491

■ 179.4750, 16.0348,
-56.5446

■ 193.2070, 9.2649,
-31.7535

■ 172.0220, 19.7092,
-68.4253

■ 200.6600, 5.5906,
-19.8728

■ 164.8570, 23.2415,
-81.4356

■ 207.8250, 2.0583,
-6.8625

■ 157.4040, 26.9158,
-93.3163

■ 215.2780, -1.6161,
5.0182

■ 150.5380, 30.3008,
-105.7118

■ 222.1440, -5.0010,
17.4137

■ 143.6720, 33.6857,
-118.1073

■ 226.6180, -7.2067,
24.8910

■ 140.3940, 35.3018,
-123.1255

■ 227.7920, -7.7855,
23.8614

■ 228.3790, -8.0748,
23.3466

■ 229.5530, -8.6536,
22.3170

Harmonies

Analogous

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



187.1220, 1.4189, -35.1870



186.3410, 12.6499, -44.1491



188.6110, 19.9118, -40.0008

Triad

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



186.3410, 12.6499, -44.1491



198.5690, 10.5655, 17.9180



194.4310, -20.4255, 18.0390

Complementary

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



186.3410, 12.6499, -44.1491



161.6590, -12.6499, 44.1491

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.



196.3170, -17.4113, 31.2940



186.3410, 12.6499, -44.1491



198.7250, 0.6286, 31.8132

Square

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



186.3410, 12.6499, -44.1491



196.7990, 18.3401, -2.4547



198.0000, -9.8600, 35.9570



192.3040, -17.8979, 0.6104

Rectangle

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



186.3410, 12.6499, -44.1491



190.9480, 22.2106, -30.6494



198.0000, -9.8600, 35.9570



195.4640, -20.4418, 23.2721

Sweetspot

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



186.3410, 12.6499, -44.1491



245.4540, 4.7062, -16.1842



181.0680, -20.2465, -39.5246



121.7430, 3.0847, -9.4216



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.



186.3410, 12.6499, -44.1491



218.0010, 18.2405, -64.0219



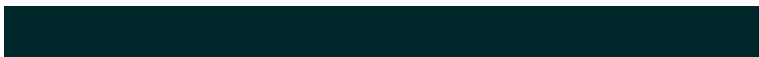
164.6220, 23.3574, -25.1015



103.1240, 1.9109, -6.2477



113.4140, 28.3899, -99.4641



28.3820, 7.2067, -24.8910

Inverse Universe

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



166.8180, 19.8097, 39.6246



189.6320, 28.7754, 57.3277



183.3780, -23.3574, 25.1015



100.4290, 2.7465, 5.7628



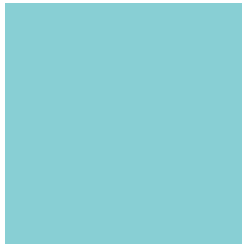
69.3690, 44.6811, 89.1304



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 186.3410, 12.6499, -44.1491 looks on a white background.

Color Contrast Check

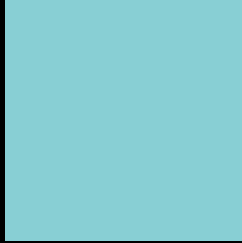
Large Text (above 18pt) WCAG AA × Fail

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 186.3410, 12.6499, -44.1491 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 186.3410, 12.6499, -44.1491 Background



This preview shows how black text looks on a background with the YUV color 186.3410, 12.6499, -44.1491.



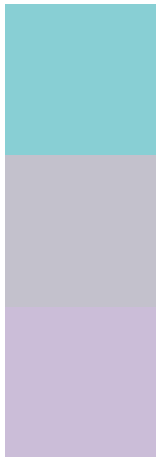
This preview shows how white text looks on a background with the YUV color 186.3410, 12.6499, -44.1491.

-44.1491.

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

186.3410, 12.6499, -44.1491

Protanopia

194.8520, 4.5100, 0.1298

Deuteranopia

196.2640, 9.7298, 5.9075



Tritanopia

187.2040, 17.1544, -42.2749

Trichromacy



Original Color

186.3410, 12.6499, -44.1491

Protanomaly

191.8500, 7.4689, -15.6545

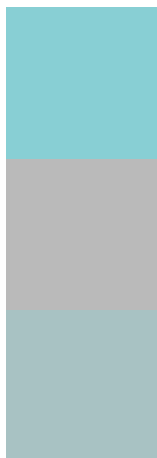
Deuteranomaly

193.0830, 10.8051, -12.3508

Tritanomaly

187.0360, 15.2653, -43.0046

Monochromacy



Original Color

186.3410, 12.6499, -44.1491

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.3400, 4.2694, -16.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3410, 12.6499, -44.1491 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(136, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(136, 207, 212)  
}
```

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(136, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 207, 212) }
```

Border

The CSS property to change the border of an element to YUV 186.3410, 12.6499, -44.1491 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(136, 207, 212) }
```


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

```
.border{ border-color:rgb(136, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(136, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(136, 207,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 186.3410, 12.6499, -44.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 207, 212) }
```

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

```
.background{ background-color: rgb(136,  
207, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor