

Converting Colors

YUV(186.3510, -22.8510,
-44.1578)

Have a look what the booklet for
YUV(186.3510, -22.8510, -44.1578)
contains.

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Color

**YUV(186.3510, -22.8510,
-44.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	88DD8C
RGB	136, 221, 140
RGB Percent	53%, 87%, 55%
CMY	0.4667, 0.1333, 0.4510
CMYK	0.38, 0.00, 0.37, 0.13
HSL	123°, 56%, 70%
HSV	123°, 38%, 87%
XYZ	40.7434, 58.8406, 34.0209
YIQ	186.3510, -24.6590, -43.2110

Conversions

Conversions Part 2

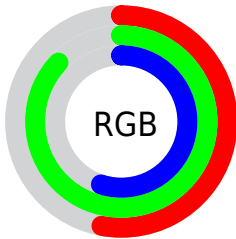
Format	Color
RYB	136, 217, 221
Decimal	8969612
CIELab	81.20, -41.98, 31.88
CIElCh	81, 52.713, 142.788
Yxy	58.8406, 0.3050, 0.4404
Android (android.graphics.Color)	4287159692 (0xFF88DD8C)
YUV	186.3510, -22.8510, -44.1578
Hunter-Lab	76.7076, -39.4277, 27.3994

Details

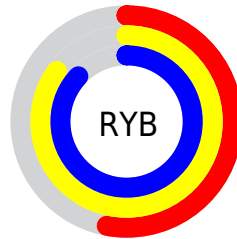
The YUV color **186.3510, -22.8510, -44.1578** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **170.6490, 22.8510, 44.1578**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2090, -17.3580, -32.6323**, and **131.2200, -20.8145, -44.0429** is the 20% darker color. If you saturate the color by 10%, you get **177.3790, -28.7808, -55.5834**, and if you desaturate by 10%, it is **195.3230, -16.9212, -32.7323**.

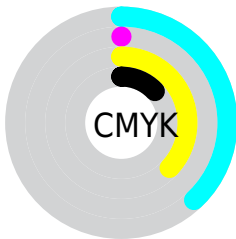
Distribution



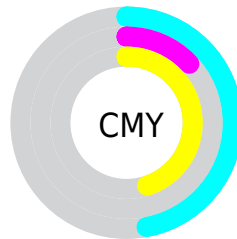
- Red (53%)
- Green (87%)
- Blue (55%)



- Red (53%)
- Yellow (85%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3510, -22.8510, -44.1578 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 186.3510, -22.8510, -44.1578 by changing the saturation by 10% instead.

■ 186.3510,
-22.8510, -44.1578

■ 186.3510,
-22.8510, -44.1578

■ 255.0000, 0.0000,
0.0000

■ 158.5790,
-21.9774, -44.3578

■ 229.2090,
-17.3580, -32.6323

■ 131.2200,
-20.8145, -44.0429

■ 241.0720, -9.4025,
-17.6031

■ 104.1490,
-19.7935, -44.8577

■ 253.3480, -1.1576,
-2.0592

■ 76.0990, -17.3038,
-50.0758

■ 53.0070, -17.7515,
-46.4871

■ 36.9810, -18.2316,
-32.4323

■ 24.6540, -12.1544,

-21.6216

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 186.3510,
-22.8510, -44.1578

■ 186.3510,
-22.8510, -44.1578

■ 177.3790,
-28.7808, -55.5834

■ 195.3230,
-16.9212, -32.7323

■ 168.4070,
-34.7107, -67.0089

■ 204.2950,
-10.9914, -21.3067

■ 159.4350,
-40.6405, -78.4345

■ 213.2670, -5.0616,
-9.8812

■ 150.4630,
-46.5703, -89.8601

■ 222.2390, 0.8682,
1.5444

■ 141.1920,
-52.3527, -101.9004

■ 231.5100, 6.6506,
13.5847

■ 132.2200,
-58.2825, -113.3259

■ 235.0420, 9.8393,
17.5032

■ 130.8670,
-59.5874, -114.7704

Harmonies

Analogous

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



193.5880, -42.1949, 0.3613



186.3510, -22.8510, -44.1578



167.8480, 9.9349, -106.8607

Triad

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



186.3510, -22.8510, -44.1578



179.2500, 37.3447, -78.2722



190.8500, -12.2510, 56.2596

Complementary

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



186.3510, -22.8510, -44.1578



170.6490, 22.8510, 44.1578

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.



195.9630, 9.8782, 51.7754



186.3510, -22.8510, -44.1578



198.5730, 27.8185, -9.2725

Square

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



186.3510, -22.8510, -44.1578



159.3840, 47.1387, -139.7798



207.1430, 23.5935, 39.3396



194.3940, -34.2112, 53.1515

Rectangle

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



186.3510, -22.8510, -44.1578



158.5570, 31.2774, -139.0545



207.1430, 23.5935, 39.3396



191.5000, -4.6835, 55.6895

Sweetspot

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



186.3510, -22.8510, -44.1578



242.4250, -8.0975, -16.1587



210.4130, -36.6856, 6.6538



120.5660, -5.2090, -9.2664



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.



186.3510, -22.8510, -44.1578



207.2490, -31.6748, -60.7314



191.0250, -4.9423, -48.2569



105.4570, -3.1833, -5.6628



102.4630, -46.5703, -89.8601



27.2300, -12.4384, -23.8807

Inverse Universe

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



170.6490, 22.8510, 44.1578



185.6370, 31.2380, 60.8314



165.9750, 4.9423, 48.2569



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 186.3510, -22.8510, -44.1578 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 186.3510, -22.8510, -44.1578 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 186.3510, -22.8510, -44.1578 Background



This preview shows how black text looks on a background with the YUV color 186.3510, -22.8510, -44.1578.



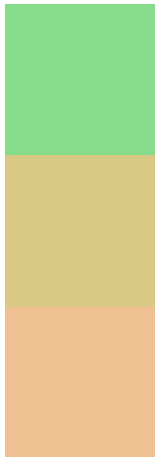
This preview shows how white text looks on a background with the YUV color 186.3510, -22.8510, -44.1578.

-44.1578.

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

186.3510, -22.8510, -44.1578

Protanopia

198.2170, -32.6450, 17.3497

Deuteranopia

200.5100, -26.8734, 32.8787



Tritanopia

194.8950, 15.8278, -36.7419

Trichromacy



Original Color

186.3510, -22.8510, -44.1578



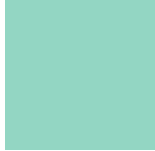
Protanomaly

193.6980, -28.9381, -4.9971



Deuteranomaly

195.6760, -25.4763, 4.6691



Tritanomaly

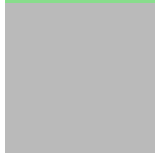
191.8010, 1.5771, -39.2905

Monochromacy



Original Color

186.3510, -22.8510, -44.1578



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3110, -8.5343, -16.0587

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3510, -22.8510, -44.1578 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, 221, 140)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 140)  
}
```

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, 221, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 140) }
```

Border

The CSS property to change the border of an element to YUV 186.3510, -22.8510, -44.1578 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, 221, 140) }
```


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

```
.border{ border-color:rgb(136, 221, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 221, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 221, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 221, 140);  
box-shadow:4px 4px 4px 4px rgb(136, 221,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 186.3510, -22.8510, -44.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 140) }
```

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

```
.background{ background-color: rgb(136,  
221, 140) }
```

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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