

Converting Colors

YUV(213.6780, 11.4977,
-47.9526)

Have a look what the booklet for
YUV(213.6780, 11.4977, -47.9526)
contains.

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Color

**YUV(213.6780, 11.4977,
-47.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	9FEDED
RGB	159, 237, 237
RGB Percent	62%, 93%, 93%
CMY	0.3765, 0.0706, 0.0706
CMYK	0.33, 0.00, 0.00, 0.07
HSL	180°, 68%, 78%
HSV	180°, 33%, 93%
XYZ	59.8683, 74.0537, 91.2592
YIQ	213.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

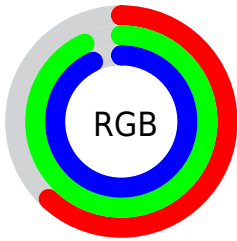
Format	Color
RYB	159, 198, 237
Decimal	10481133
CIELab	88.95, -23.76, -7.62
CIELCh	89, 24.951, 197.791
Yxy	74.0537, 0.2659, 0.3289
Android (android.graphics.Color)	4288671213 (0xFF9FEDED)
YUV	213.6780, 11.4977, -47.9526
Hunter-Lab	86.0545, -26.4124, -2.6378

Details

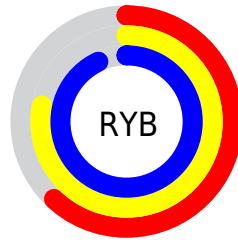
The YUV color **213.6780, 11.4977, -47.9526** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.3220, -11.4977, 47.9526**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **157.9770, 11.3503, -47.3378** is the 20% darker color. If you saturate the color by 10%, you get **206.5020, 15.0355, -62.7073**, and if you desaturate by 10%, it is **220.8540, 7.9600, -33.1980**.

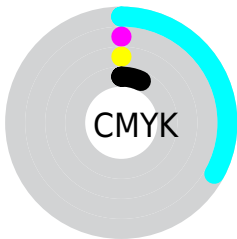
Distribution



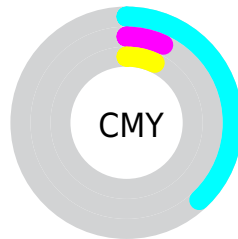
- Red (62%)
- Green (93%)
- Blue (93%)



- Red (62%)
- Yellow (78%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6780, 11.4977, -47.9526 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 213.6780, 11.4977, -47.9526 by changing the saturation by 10% instead.

■ 213.6780, 11.4977,
-47.9526

■ 213.6780, 11.4977,
-47.9526

255.0000, 0.0000,
0.0000

■ 185.6780, 11.4977,
-47.9526

■ 243.3390, 5.7489,
-23.9763

■ 157.9770, 11.3503,
-47.3378

■ 252.3090, 1.3267,
-5.5330

■ 130.6780, 11.4977,
-47.9526

■ 103.7810, 11.9400,
-49.7969

■ 73.7090, 14.4405,
-58.5038

■ 54.7920, 11.9345,
-48.0526

■ 38.7830, 8.9810,

-34.0127

■ 23.9480, 5.4486,
-21.0024

■ 2.1830, 5.8258,
-1.9145

■ 213.6780, 11.4977,
-47.9526

■ 213.6780, 11.4977,
-47.9526

■ 206.5020, 15.0355,
-62.7073

■ 220.8540, 7.9600,
-33.1980

■ 199.6250, 18.4259,
-76.8471

■ 227.7310, 4.5696,
-19.0581

■ 192.4490, 21.9636,
-91.6018

■ 234.9070, 1.0318,
-4.3034

■ 185.2730, 25.5014,
-106.3564

■ 242.0830, -2.5059,
10.4512

■ 178.0970, 29.0392,
-121.1111

■ 242.3820, -2.6533,
11.0660

■ 171.2200, 32.4295,
-135.2509

■ 166.1370, 34.9355,
-145.7021

Harmonies

Analogous

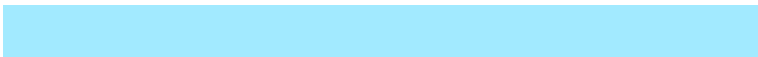
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.8400, -0.9071, -35.8167



213.6780, 11.4977, -47.9526



214.8660, 19.7861, -46.3635

Triad

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



213.6780, 11.4977, -47.9526



227.3560, 13.6285, 15.4738



223.1930, -22.7731, 24.3867

Complementary

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



213.6780, 11.4977, -47.9526



182.3220, -11.4977, 47.9526

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.



221.6480, -16.0955, 29.2497



213.6780, 11.4977, -47.9526



224.4300, 4.7180, 26.8099

Square

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



213.6780, 11.4977, -47.9526



223.0820, 15.7356, -7.0879



221.6940, -5.7651, 29.2094



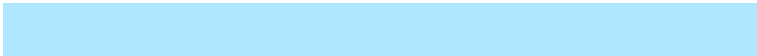
220.8270, -21.1137, 5.4137

Rectangle

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



213.6780, 11.4977, -47.9526



216.9920, 18.7379, -36.8270



221.6940, -5.7651, 29.2094



223.5570, -21.4736, 27.5755

Sweetspot

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



213.6780, 11.4977, -47.9526



247.5250, 3.6852, -15.3694



204.7860, -22.5725, -40.1543



123.2160, 2.3585, -9.8364



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.



213.6780, 11.4977, -47.9526



225.3990, 14.5933, -60.8629



190.7850, 22.7840, -27.8754



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



191.2140, 22.5725, 40.1543



196.8870, 28.6497, 50.9651



205.2150, -22.7840, 27.8754



110.5430, 3.1833, 5.6628



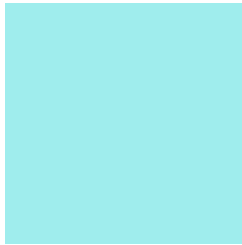
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 213.6780, 11.4977, -47.9526 looks on a white background.

Color Contrast Check

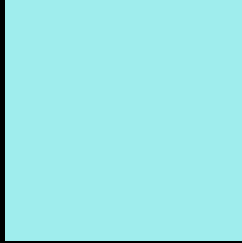
Large Text (above 18pt) WCAG AA × Fail

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 213.6780, 11.4977, -47.9526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

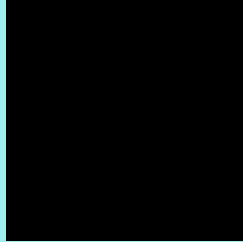
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6780, 11.4977, -47.9526

Background



This preview shows how black text looks on a background with the YUV color 213.6780, 11.4977, -47.9526.



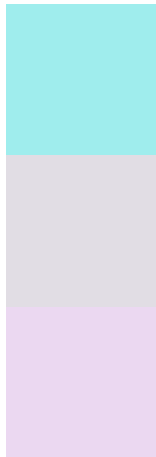
This preview shows how white text looks on a background with the YUV color 213.6780, 11.4977, -47.9526.

-47.9526.

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

213.6780, 11.4977, -47.9526

Protanopia

222.9940, 2.4680, 1.7593

Deuteranopia

224.5310, 8.1192, 9.1813



Tritanopia

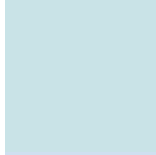
214.9370, 18.7651, -45.5487

Trichromacy



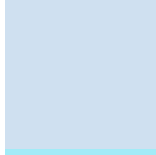
Original Color

213.6780, 11.4977, -47.9526



Protanomaly

219.6820, 5.5798, -16.3841



Deuteranomaly

220.7410, 9.4947, -12.0509



Tritanomaly

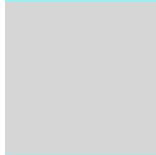
214.5410, 16.0023, -46.0785

Monochromacy



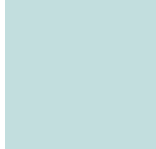
Original Color

213.6780, 11.4977, -47.9526



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.6280, 4.1274, -17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6780, 11.4977, -47.9526 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(159, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(159, 237, 237)  
}
```

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(159, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 237, 237) }
```

Border

The CSS property to change the border of an element to YUV 213.6780, 11.4977, -47.9526 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(159, 237, 237) }
```


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

```
.border{ border-color:rgb(159, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(159, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(159, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 213.6780, 11.4977, -47.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 237, 237) }
```

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

```
.background{ background-color: rgb(159,  
237, 237) }
```

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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