

Converting Colors

YUV(217.1460, -11.9040,
-55.3790)

Have a look what the booklet for
YUV(217.1460, -11.9040, -55.3790)
contains.

YUV(217.1460, -11.9040, -55.3790)	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(217.1460, -11.9040,
-55.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	9AFEC1
RGB	154, 254, 193
RGB Percent	60%, 100%, 76%
CMY	0.3961, 0.0039, 0.2431
CMYK	0.39, 0.00, 0.24, 0.00
HSL	143°, 98%, 80%
HSV	143°, 39%, 100%
XYZ	58.3939, 81.6039, 63.1255
YIQ	217.1460, -40.0190, -40.1710

Conversions

Conversions Part 2

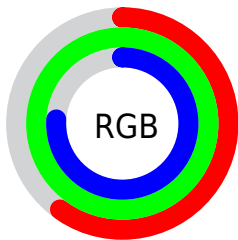
Format	Color
RYB	154, 226, 254
Decimal	10157761
CIELab	92.40, -42.18, 20.13
CIELCh	92, 46.740, 154.491
Yxy	81.6039, 0.2875, 0.4017
Android (android.graphics.Color)	4288347841 (0xFF9AFEC1)
YUV	217.1460, -11.9040, -55.3790
Hunter-Lab	90.3349, -42.7008, 21.8029

Details

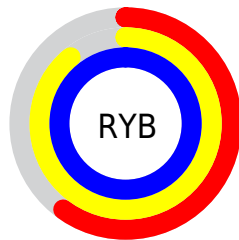
The YUV color **217.1460, -11.9040, -55.3790** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **190.8540, 11.9040, 55.3790**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5730, 4.1545, -25.9355**, and **160.7870, -10.7410, -55.0642** is the 20% darker color. If you saturate the color by 10%, you get **207.9610, -14.7708, -69.2488**, and if you desaturate by 10%, it is **226.3310, -9.0372, -41.5093**.

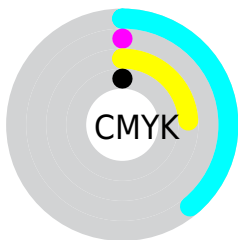
Distribution



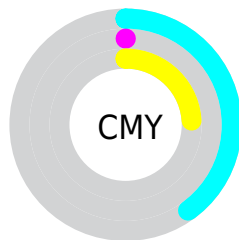
- Red (60%)
- Green (100%)
- Blue (76%)



- Red (60%)
- Yellow (89%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1460, -11.9040, -55.3790 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 217.1460, -11.9040, -55.3790 by changing the saturation by 10% instead.

■ 217.1460,
-11.9040, -55.3790

■ 217.1460,
-11.9040, -55.3790

■ 255.0000, 0.0000,
0.0000

■ 188.6730,
-11.1778, -54.9642

■ 241.5730, 4.1545,
-25.9355

■ 160.7870,
-10.7410, -55.0642

■ 250.8140, 2.0637,
-8.6069

■ 132.8300, -9.2832,
-55.9789

■ 104.5630, -7.6726,
-59.2528

■ 75.5020, -5.1775,
-66.2153

■ 58.3190, -7.5523,
-51.1458

■ 41.1360, -9.9270,

-36.0763

■ 25.8280, -12.7332,
-22.6512

■ 9.3920, -4.6303,
-8.2368

■ 217.1460,
-11.9040, -55.3790

■ 217.1460,
-11.9040, -55.3790

■ 207.9610,
-14.7708, -69.2488

■ 226.3310, -9.0372,
-41.5093

■ 198.3630,
-17.9270, -83.6334

■ 235.9290, -5.8810,
-27.1247

■ 189.1780,
-20.7938, -97.5031

■ 245.1140, -3.0142,
-13.2550

■ 179.5800,
-23.9499, -111.8877

254.4130, 0.2894,
0.5148

■ 170.3950,
-26.8167, -125.7574

■ 161.0960,
-30.1203, -139.5272

■ 160.3840,
-30.2623, -140.6568

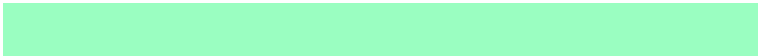
Harmonies

Analogous

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



224.6060, -32.8368, -14.5635



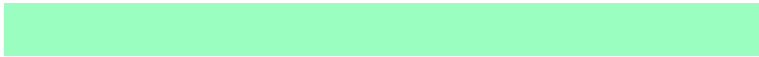
217.1460, -11.9040, -55.3790



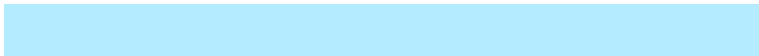
204.7380, 16.8912, -97.9942

Triad

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



217.1460, -11.9040, -55.3790



220.8350, 16.8433, -35.8123



217.0830, -15.8169, 33.2532

Complementary

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



217.1460, -11.9040, -55.3790



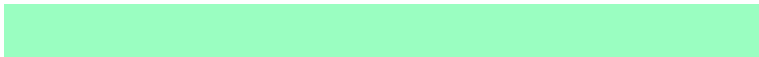
190.8540, 11.9040, 55.3790

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.



218.4630, 4.7017, 32.0429



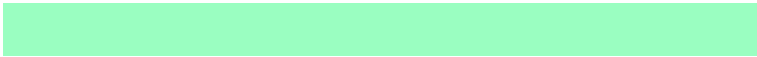
217.1460, -11.9040, -55.3790



231.4760, 11.5973, 13.6145

Square

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



217.1460, -11.9040, -55.3790



205.1440, 24.5790, -90.4573



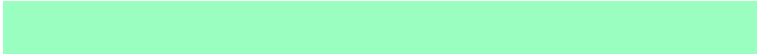
225.0630, 14.7589, 26.2547



221.0660, -33.5565, 29.7601

Rectangle

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



217.1460, -11.9040, -55.3790



195.2000, 29.4814, -122.9554



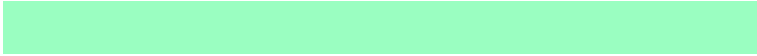
225.0630, 14.7589, 26.2547



216.8040, -9.2704, 33.4979

Sweetspot

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



217.1460, -11.9040, -55.3790



243.5650, -3.7295, -17.1585



231.2380, -38.0783, -13.3637



121.3640, -2.1515, -9.9662



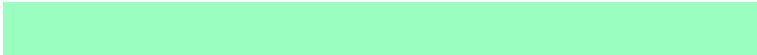
0.0000, 0.0000, 0.0000



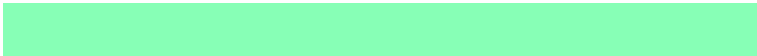
128.0000, 0.0000, 0.0000

Same Dimension

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



217.1460, -11.9040, -55.3790



210.7980, -14.1974, -66.4748



222.7320, 9.4991, -60.2780



123.2010, -1.5781, -7.1923



120.6670, -22.5138, -105.8250



40.4180, -7.6011, -35.4466

Inverse Universe

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



190.8540, 11.9040, 55.3790



179.2020, 14.1974, 66.4748



185.2680, -9.4991, 60.2780



119.7990, 1.5781, 7.1923



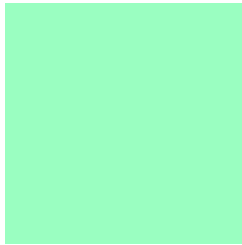
70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 217.1460, -11.9040, -55.3790 looks on a white background.

Color Contrast Check

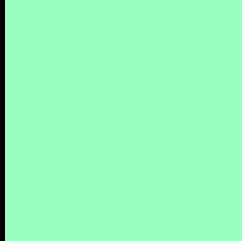
Large Text (above 18pt) WCAG AA × Fail

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 217.1460, -11.9040, -55.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

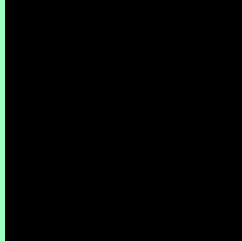
Any Text WCAG AA ✓ Pass

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 217.1460, -11.9040, -55.3790 Background



This preview shows how black text looks on a background with the YUV color 217.1460, -11.9040, -55.3790.



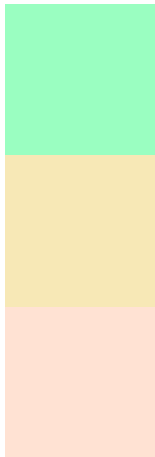
This preview shows how white text looks on a background with the YUV color 217.1460, -11.9040, -55.3790.

-55.3790.

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

217.1460, -11.9040, -55.3790

Protanopia

230.7850, -24.0510, 14.2206

Deuteranopia

232.9610, -10.8268, 19.3282



Tritanopia

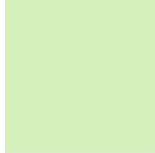
227.6460, 13.4855, -32.1385

Trichromacy



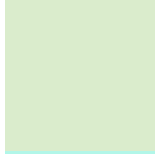
Original Color

217.1460, -11.9040, -55.3790



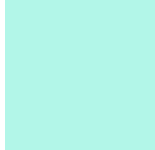
Protanomaly

225.7710, -19.6071, -11.2002



Deuteranomaly

226.9700, -11.3242, -7.8667



Tritanomaly

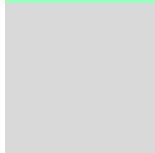
224.0720, 3.9085, -40.4051

Monochromacy



Original Color

217.1460, -11.9040, -55.3790



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.7280, -4.3029, -19.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1460, -11.9040, -55.3790 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(154, 254, 193)` looks like.

```
.text, #text, p{  
    color:rgb(154, 254, 193)  
}
```

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(154, 254, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 254, 193) }
```

Border

The CSS property to change the border of an element to YUV 217.1460, -11.9040, -55.3790 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(154, 254, 193) }
```


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

```
.border{ border-color:rgb(154, 254, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 254, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 254, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 254, 193);  
box-shadow:4px 4px 4px 4px rgb(154, 254,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 217.1460, -11.9040, -55.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 254, 193) }
```

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

```
.background{ background-color: rgb(154,  
254, 193) }
```

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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