

Converting Colors

YUV(211.7140, 16.9030,
-55.0002)

Have a look what the booklet for
YUV(211.7140, 16.9030, -55.0002)
contains.

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Color

**YUV(211.7140, 16.9030,
-55.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	95EDF6
RGB	149, 237, 246
RGB Percent	58%, 93%, 96%
CMY	0.4157, 0.0706, 0.0353
CMYK	0.39, 0.04, 0.00, 0.04
HSL	186°, 84%, 77%
HSV	186°, 39%, 96%
XYZ	59.3132, 73.6118, 98.2711
YIQ	211.7140, -55.3370, -15.8570

Conversions

Conversions Part 2

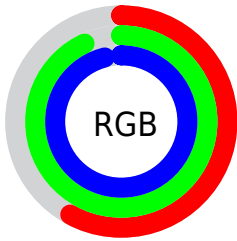
Format	Color
R _Y B	149, 195, 246
Decimal	9825782
CIE Lab	88.74, -24.18, -12.70
CIE LCh	89, 27.314, 207.697
Yxy	73.6118, 0.2565, 0.3184
Android (android.graphics.Color)	4288015862 (0xFF95EDF6)
YUV	211.7140, 16.9030, -55.0002
Hunter-Lab	85.7973, -26.7451, -7.8519

Details

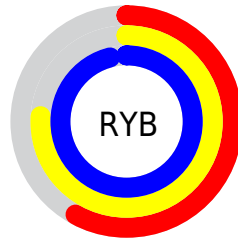
The YUV color $211.7140, 16.9030, -55.0002$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $183.2860, -16.9030, 55.0002$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6480, 7.0755, -29.5093$, and $155.4150, 17.0504, -55.6150$ is the 20% darker color. If you saturate the color by 10%, you get $203.0650, 21.1670, -69.3400$, and if you desaturate by 10%, it is $220.3630, 12.6390, -40.6604$.

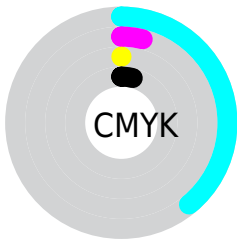
Distribution



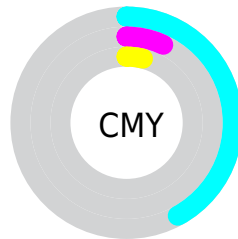
- Red (58%)
- Green (93%)
- Blue (96%)



- Red (58%)
- Yellow (76%)
- Blue (96%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.7140, 16.9030, -55.0002 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 211.7140, 16.9030, -55.0002 by changing the saturation by 10% instead.

211.7140, 16.9030,
-55.0002

211.7140, 16.9030,
-55.0002

255.0000, 0.0000,
0.0000

183.4150, 17.0504,
-55.6150

240.6480, 7.0755,
-29.5093

155.4150, 17.0504,
-55.6150

249.3190, 2.8007,
-11.6808

127.5180, 17.4926,
-57.4593

98.4140, 18.5299,
-63.5071

72.5280, 18.9667,
-63.6071

55.7040, 15.4289,
-48.8524

39.4670, 11.6018,

-34.6126

■ 24.6320, 8.0694,
-21.6023

■ 3.0950, 9.3202,
-2.7143

■ 211.7140, 16.9030,
-55.0002

■ 211.7140, 16.9030,
-55.0002

■ 203.0650, 21.1670,
-69.3400

■ 220.3630, 12.6390,
-40.6604

■ 194.1280, 25.5729,
-82.5503

■ 229.3000, 8.2331,
-27.4501

■ 185.4790, 29.8369,
-96.8901

■ 237.9490, 3.9691,
-13.1103

■ 177.1290, 33.9534,
-110.6151

■ 246.2990, -0.1474,
0.6148

■ 168.4800, 38.2174,
-124.9550

■ 249.8650, -1.9054,
4.5034

■ 159.2440, 42.7707,
-138.7800

■ 251.6260, -2.7736,
2.9590

■ 158.9450, 42.9181,
-139.3948

■ 252.8000, -3.3524,
1.9294

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

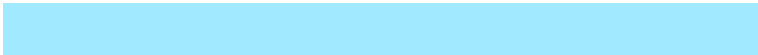
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.9250, 3.4880, -45.5382



211.7140, 16.9030, -55.0002



213.6810, 20.3703, -47.0782

Triad

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



211.7140, 16.9030, -55.0002



227.5420, 11.5648, 24.0807



221.5900, -24.9409, 19.6536

Complementary

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



211.7140, 16.9030, -55.0002



183.2860, -16.9030, 55.0002

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.



221.2090, -20.3160, 29.6347



211.7140, 16.9030, -55.0002



221.7570, 2.0918, 29.1541

Square

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



211.7140, 16.9030, -55.0002



223.7240, 15.4191, 1.1191



219.9670, -9.8437, 30.7239



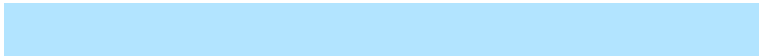
219.0710, -21.2340, -2.6933

Rectangle

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



211.7140, 16.9030, -55.0002



216.1280, 19.1639, -33.4383



219.9670, -9.8437, 30.7239



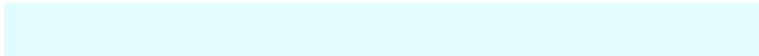
222.3350, -24.8152, 26.0162

Sweetspot

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



211.7140, 16.9030, -55.0002



243.9700, 5.4378, -17.5137



206.8510, -24.5765, -50.7353



121.4440, 3.2321, -10.0364



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.



211.7140, 16.9030, -55.0002



212.6630, 20.8721, -68.1105



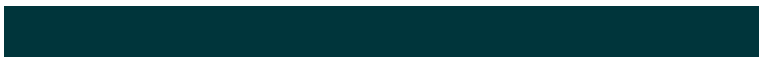
183.5380, 30.7938, -30.2898



117.8250, 2.0583, -6.8625



120.4070, 32.3373, -105.5969



37.8370, 10.4334, -33.1830

Inverse Universe

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



188.0350, 24.1397, 50.8353



183.3060, 29.9221, 62.8756



211.4620, -30.7938, 30.2898



114.8420, 3.0359, 6.2776



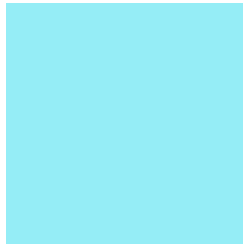
74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 211.7140, 16.9030, -55.0002 looks on a white background.

Color Contrast Check

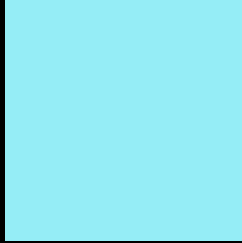
Large Text (above 18pt) WCAG AA × Fail

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 211.7140, 16.9030, -55.0002 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 211.7140, 16.9030, -55.0002

Background



This preview shows how black text looks on a background with the YUV color 211.7140, 16.9030, -55.0002.



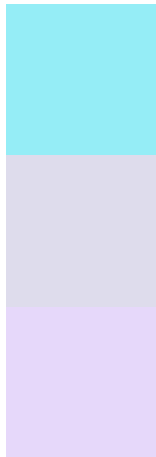
This preview shows how white text looks on a background with the YUV color 211.7140, 16.9030,

-55.0002.

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

211.7140, 16.9030, -55.0002

Protanopia

222.4220, 6.6940, -0.3701

Deuteranopia

224.0620, 12.7874, 5.2076



Tritanopia

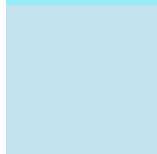
212.7510, 20.8288, -54.1556

Trichromacy



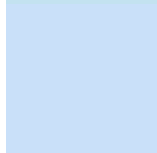
Original Color

211.7140, 16.9030, -55.0002



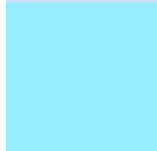
Protanomaly

218.3270, 10.6848, -20.4578



Deuteranomaly

219.9730, 14.3103, -16.6393



Tritanomaly

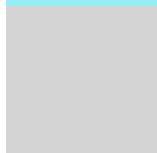
212.1100, 19.6658, -54.4705

Monochromacy



Original Color

211.7140, 16.9030, -55.0002



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.7140, 16.9030, -55.0002 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(149, 237, 246)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 246)  
}
```

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(149, 237, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 246) }
```

Border

The CSS property to change the border of an element to YUV 211.7140, 16.9030, -55.0002 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(149, 237, 246) }
```


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

```
.border{ border-color:rgb(149, 237, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 237, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 246);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 211.7140, 16.9030, -55.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 246) }
```

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

```
.background{ background-color: rgb(149,  
237, 246) }
```

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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