

Converting Colors

YUV(210.7740, 15.8874,
-55.9298)

Have a look what the booklet for
YUV(210.7740, 15.8874, -55.9298)
contains.

YUV(210.7740, 15.8874, -55.9298)	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(210.7740, 15.8874,
-55.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	93EDF3
RGB	147, 237, 243
RGB Percent	58%, 93%, 95%
CMY	0.4235, 0.0706, 0.0471
CMYK	0.40, 0.02, 0.00, 0.05
HSL	184°, 80%, 76%
HSV	184°, 40%, 95%
XYZ	58.4945, 73.2425, 95.8482
YIQ	210.7740, -55.5660, -17.2140

Conversions

Conversions Part 2

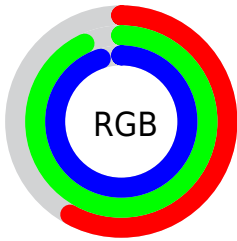
Format	Color
R _Y B	147, 193, 243
Decimal	9694707
CIE Lab	88.56, -25.40, -11.40
CIE LCh	89, 27.843, 204.161
Yxy	73.2425, 0.2570, 0.3218
Android (android.graphics.Color)	4287884787 (0xFF93EDF3)
YUV	210.7740, 15.8874, -55.9298
Hunter-Lab	85.5818, -27.7649, -6.4952

Details

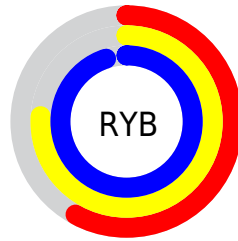
The YUV color **210.7740, 15.8874, -55.9298** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **179.2260, -15.8874, 55.9298**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **154.4750, 16.0348, -56.5446** is the 20% darker color. If you saturate the color by 10%, you get **202.4240, 20.0040, -69.6548**, and if you desaturate by 10%, it is **219.1240, 11.7709, -42.2047**.

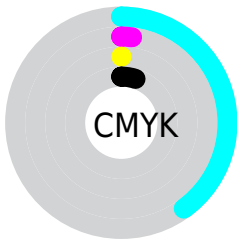
Distribution



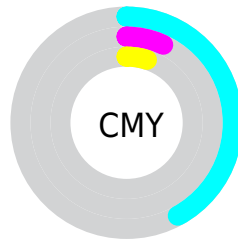
- Red (58%)
- Green (93%)
- Blue (95%)



- Red (58%)
- Yellow (76%)
- Blue (95%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7740, 15.8874, -55.9298 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 210.7740, 15.8874, -55.9298 by changing the saturation by 10% instead.

210.7740, 15.8874,
-55.9298

210.7740, 15.8874,
-55.9298

255.0000, 0.0000,
0.0000

182.4750, 16.0348,
-56.5446

240.0500, 7.3704,
-30.7388

154.4750, 16.0348,
-56.5446

248.7210, 3.0955,
-12.9103

126.5780, 16.4770,
-58.3889

96.9900, 18.2459,
-65.7662

72.3000, 18.0931,
-63.4071

55.3620, 14.1185,
-48.5525

39.2390, 10.7282,

-34.4126

■ 24.4040, 7.1958,
-21.4023

■ 2.7530, 8.0098,
-2.4144

■ 210.7740, 15.8874,
-55.9298

■ 210.7740, 15.8874,
-55.9298

■ 202.4240, 20.0040,
-69.6548

■ 219.1240, 11.7709,
-42.2047

■ 194.3620, 23.9785,
-84.5095

■ 227.1860, 7.7963,
-27.3501

■ 186.0120, 28.0951,
-98.2345

■ 235.5360, 3.6798,
-13.6251

■ 178.2490, 31.9222,
-112.4744

■ 243.2990, -0.1474,
0.6148

■ 169.6000, 36.1862,
-126.8142

■ 247.7620, -2.3477,
6.3477

■ 161.8370, 40.0134,
-141.0540

■ 248.3490, -2.6371,
5.8329

■ 161.5380, 40.1608,
-141.6688

■ 249.5230, -3.2158,
4.8033

■ 250.1100, -3.5052,
4.2885

■ 251.2840, -4.0840,
3.2589

Harmonies

Analogous

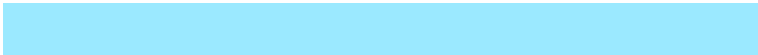
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.1810, 1.8828, -44.0087



210.7740, 15.8874, -55.9298



212.1860, 21.1073, -50.1521

Triad

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



210.7740, 15.8874, -55.9298



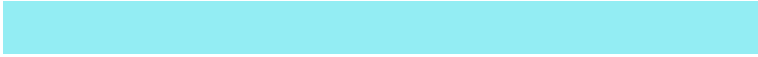
226.9870, 13.3174, 21.9364



221.7860, -25.5305, 22.1127

Complementary

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



210.7740, 15.8874, -55.9298



179.2260, -15.8874, 55.9298

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.



220.0350, -19.7373, 30.6643



210.7740, 15.8874, -55.9298



222.0990, 3.4022, 28.8542

Square

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



210.7740, 15.8874, -55.9298



222.2290, 16.1561, -1.9548



219.0210, -8.3914, 31.5536



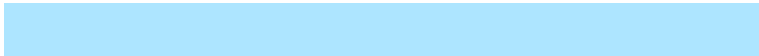
218.5660, -21.9710, 0.3806

Rectangle

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



210.7740, 15.8874, -55.9298



215.2200, 19.6115, -37.0269



219.0210, -8.3914, 31.5536



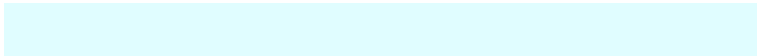
222.6450, -24.9680, 28.3753

Sweetspot

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



210.7740, 15.8874, -55.9298



244.5570, 5.1484, -18.0285



203.9220, -25.5975, -49.9206



121.4440, 3.2321, -10.0364



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

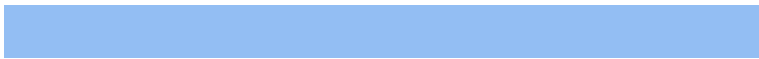
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.7740, 15.8874, -55.9298



215.0110, 19.7146, -70.1696



183.1850, 29.4888, -31.7342



118.4120, 1.7689, -7.3773



123.9290, 30.6010, -108.6857



39.0110, 9.8546, -34.2126

Inverse Universe

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



185.9640, 25.1607, 50.0206



183.7620, 31.6693, 62.4757



206.8150, -29.4888, 31.7342



114.9560, 3.4727, 6.1776



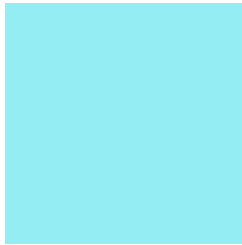
75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 210.7740, 15.8874, -55.9298 looks on a white background.

Color Contrast Check

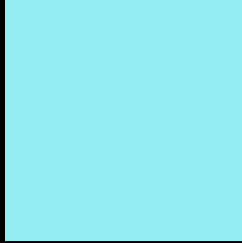
Large Text (above 18pt) WCAG AA × Fail

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 210.7740, 15.8874, -55.9298 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 210.7740, 15.8874, -55.9298 Background



This preview shows how black text looks on a background with the YUV color 210.7740, 15.8874, -55.9298.



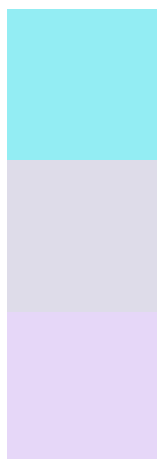
This preview shows how white text looks on a background with the YUV color 210.7740, 15.8874, -55.9298.

-55.9298.

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

210.7740, 15.8874, -55.9298

Protanopia

222.0800, 5.3836, -0.0702

Deuteranopia

223.2470, 12.2032, 5.9224



Tritanopia

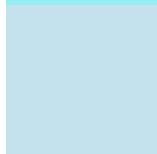
211.7510, 20.8288, -54.1556

Trichromacy



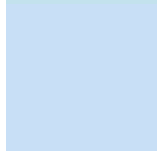
Original Color

210.7740, 15.8874, -55.9298



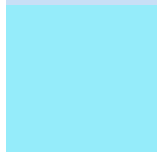
Protanomaly

217.9850, 9.3744, -20.1578



Deuteranomaly

218.7450, 13.4367, -16.4394



Tritanomaly

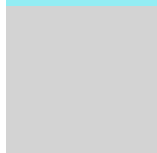
211.5830, 18.9396, -54.8853

Monochromacy



Original Color

210.7740, 15.8874, -55.9298



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7740, 15.8874, -55.9298 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(147, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(147, 237, 243)  
}
```

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(147, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 237, 243) }
```

Border

The CSS property to change the border of an element to YUV 210.7740, 15.8874, -55.9298 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(147, 237, 243) }
```


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

```
.border{ border-color:rgb(147, 237, 243) }
```

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

Here you see how a box with a 4 pixel rgb(147, 237, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(147, 237,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 210.7740, 15.8874, -55.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 237, 243) }
```

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

```
.background{ background-color: rgb(147,  
237, 243) }
```

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