

Converting Colors

YUV(210.6940, 10.5039,
-55.8596)

Have a look what the booklet for
YUV(210.6940, 10.5039, -55.8596)
contains.

YUV(210.6940, 10.5039, -55.8596)	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(210.6940, 10.5039,
-55.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	93EFE8
RGB	147, 239, 232
RGB Percent	58%, 94%, 91%
CMY	0.4235, 0.0627, 0.0902
CMYK	0.38, 0.00, 0.03, 0.06
HSL	175°, 74%, 76%
HSV	175°, 38%, 94%
XYZ	57.4646, 73.7622, 87.5528
YIQ	210.6940, -52.5850, -21.6810

Conversions

Conversions Part 2

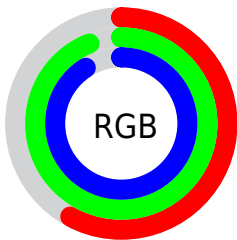
Format	Color
RYB	147, 195, 239
Decimal	9695208
CIELab	88.81, -28.98, -5.27
CIELCh	89, 29.454, 190.314
Yxy	73.7622, 0.2627, 0.3372
Android (android.graphics.Color)	4287885288 (0xFF93EFE8)
YUV	210.6940, 10.5039, -55.8596
Hunter-Lab	85.8849, -30.8664, -0.3219

Details

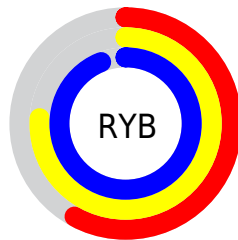
The YUV color **210.6940, 10.5039, -55.8596** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **175.3060, -10.5039, 55.8596**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **154.3950, 10.6513, -56.4744** is the 20% darker color. If you saturate the color by 10%, you get **203.2900, 13.1680, -70.4143**, and if you desaturate by 10%, it is **218.0980, 7.8397, -41.3049**.

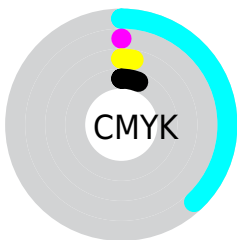
Distribution



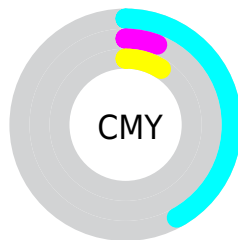
- Red (58%)
- Green (94%)
- Blue (91%)



- Red (58%)
- Yellow (76%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6940, 10.5039, -55.8596 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 210.6940, 10.5039, -55.8596 by changing the saturation by 10% instead.

210.6940, 10.5039,
-55.8596

210.6940, 10.5039,
-55.8596

255.0000, 0.0000,
0.0000

182.6940, 10.5039,
-55.8596

240.0500, 7.3704,
-30.7388

154.3950, 10.6513,
-56.4744

248.7210, 3.0955,
-12.9103

126.9110, 11.3829,
-57.8039

97.3340, 13.1463,
-63.4369

72.3340, 13.1463,
-63.4369

54.9230, 9.8980,
-48.1675

38.9140, 6.9444,

-34.1276

■ 24.1930, 3.8489,
-21.2173

■ 0.9120, 3.4944,
-0.7998

■ 210.6940, 10.5039,
-55.8596

■ 210.6940, 10.5039,
-55.8596

■ 203.2900, 13.1680,
-70.4143

■ 218.0980, 7.8397,
-41.3049

■ 195.8860, 15.8322,
-84.9690

■ 225.5020, 5.1755,
-26.7503

■ 188.5960, 18.9332,
-99.6237

■ 232.7920, 2.0745,
-12.0956

■ 181.1920, 21.5973,
-114.1784

■ 240.1960, -0.5896,
2.4591

■ 173.7880, 24.2615,
-128.7331

■ 244.0120, -1.4849,
9.6365

■ 166.6830, 26.7783,
-142.6730

■ 244.2400, -0.6113,
9.4365

■ 165.4870, 27.3679,
-145.1321

■ 244.4680, 0.2623,
9.2366

■ 244.6960, 1.1359,
9.0366

■ 244.8100, 1.5727,
8.9366

Harmonies

Analogous

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



213.3900, -5.1223, -37.1760



210.6940, 10.5039, -55.8596



210.9460, 21.7186, -59.5886

Triad

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



210.6940, 10.5039, -55.8596



225.8610, 14.3655, 12.3999



221.9440, -25.1154, 28.9901

Complementary

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



210.6940, 10.5039, -55.8596



175.3060, -10.5039, 55.8596

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.



219.1860, -15.3747, 31.4089



210.6940, 10.5039, -55.8596



224.2820, 9.2280, 26.9397

Square

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



210.6940, 10.5039, -55.8596



219.7820, 17.3625, -15.5948



219.8020, -2.8604, 30.8686



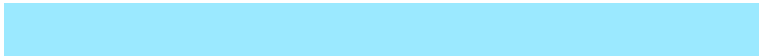
220.6060, -25.9348, 11.7465

Rectangle

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



210.6940, 10.5039, -55.8596



212.1860, 21.1073, -50.1521



219.8020, -2.8604, 30.8686



220.6390, -22.5000, 30.1346

Sweetspot

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



210.6940, 10.5039, -55.8596



245.5030, 3.6960, -18.8581



203.3960, -27.8032, -42.4433



122.3900, 1.7797, -10.8660



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.



210.6940, 10.5039, -55.8596



218.9910, 13.3154, -71.0291



189.1860, 24.5583, -36.9971



116.2980, 1.3321, -7.2773



127.3880, 21.0077, -111.7193



38.8000, 6.5076, -34.0276

Inverse Universe

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



175.3060, -10.5039, 55.8596



174.0090, -13.3154, 71.0291



196.8140, -24.5583, 36.9971



111.7020, -1.3321, 7.2773



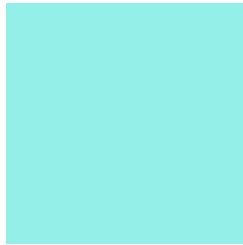
56.6120, -21.0077, 111.7193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 210.6940, 10.5039, -55.8596 looks on a white background.

Color Contrast Check

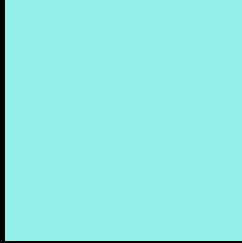
Large Text (above 18pt) WCAG AA × Fail

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 210.6940, 10.5039, -55.8596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

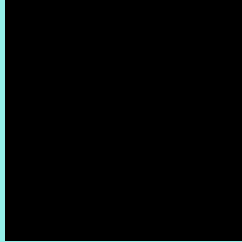
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.6940, 10.5039, -55.8596

Background



This preview shows how black text looks on a background with the YUV color 210.6940, 10.5039, -55.8596.



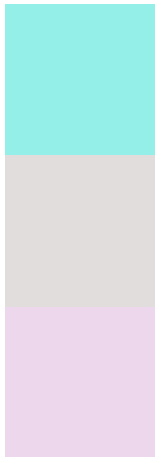
This preview shows how white text looks on a background with the YUV color 210.6940, 10.5039, -55.8596.

-55.8596.

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

210.6940, 10.5039, -55.8596

Protanopia

222.4950, -0.7370, 3.0739

Deuteranopia

224.0860, 6.3666, 11.3256



Tritanopia

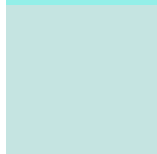
213.3490, 20.5339, -52.9261

Trichromacy



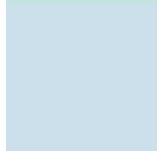
Original Color

210.6940, 10.5039, -55.8596



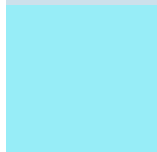
Protanomaly

218.3890, 3.2592, -18.7582



Deuteranomaly

219.2740, 7.7529, -13.3953



Tritanomaly

212.4260, 17.0450, -53.8706

Monochromacy



Original Color

210.6940, 10.5039, -55.8596



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6940, 10.5039, -55.8596 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, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(147, 239, 232)  
}
```

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, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 239, 232) }
```

Border

The CSS property to change the border of an element to YUV 210.6940, 10.5039, -55.8596 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, 239, 232) }
```


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

```
.border{ border-color:rgb(147, 239, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(147, 239,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 210.6940, 10.5039, -55.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 239, 232) }
```

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

```
.background{ background-color: rgb(147,  
239, 232) }
```

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